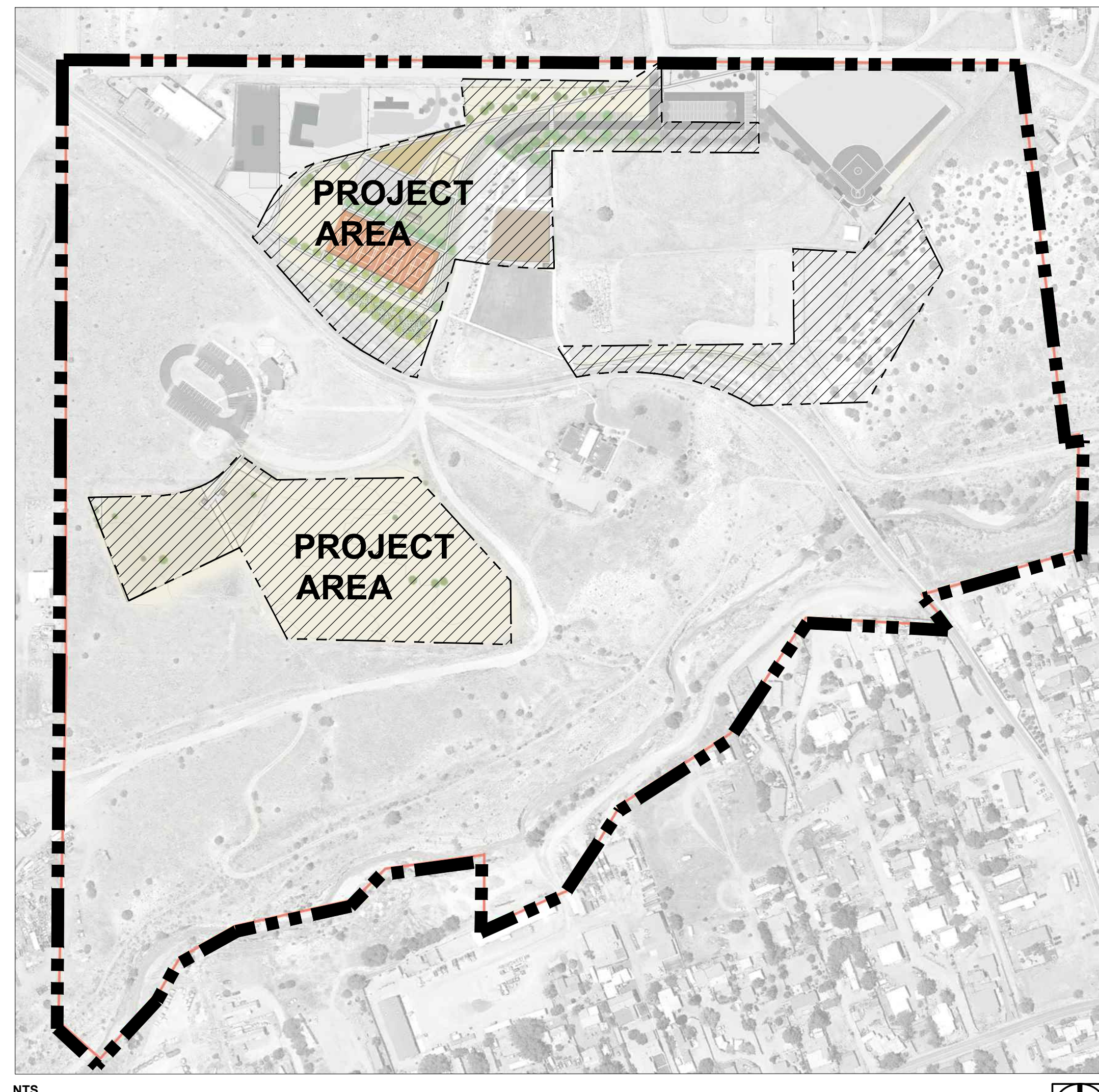


ROMERO PARK - SITE IMPROVEMENTS

AGUA FRIA VILLAGE, NEW MEXICO

100% CONSTRUCTION DOCUMENTS

April 16, 2021



NTS



owner

Santa Fe County
102 Grant Avenue
Santa Fe, New Mexico 87501-2061

owner representative

Santa Fe County
contact: Phillip Montano
Facilities and Projects Division Director
tel: 505.992.3037
e: pmontano@santafecountynm.gov

landscape architect

design office
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
contact: Claudia Meyer Horn, PLA
tel: 505.983.1415
e: chorn@do-designoffice.com

civil engineer

Design Enginuity
PO Box 2758
Santa Fe, NM 87504
contact: Oralynn Guerrerortiz
tel: 505.989.3557
e: oralynn@designenginuity.biz

architect

Spears Horn Architects
1333 Pacheco St
Santa Fe, NM 87505
contact: James Horn, AIA
tel: 505.983.6966
e: jhorn@spearshorn.com

irrigation consultant

HydroSystems-KDI, Inc.
860 Tabor Street, Suite 200
Lakewood, Colorado
contact: Amber Clark
tel: 303.980.5327
e: amberc@hydrosystemskdi.com

structural engineer

Chris Murray
12059 N. Hwy 14
Cedar Crest, NM 87008
contact: Chris Murray, PE, MSCE
tel: 505.239.3501
e: wallmurr@yahoo.com

slab engineer

Unity Engineering, LLC
4 Snowcap Court
Cedar Crest, NM 87008
contact: Tammy Head, PE
tel: 505.270.5047
e: tammi@unity-eng.com

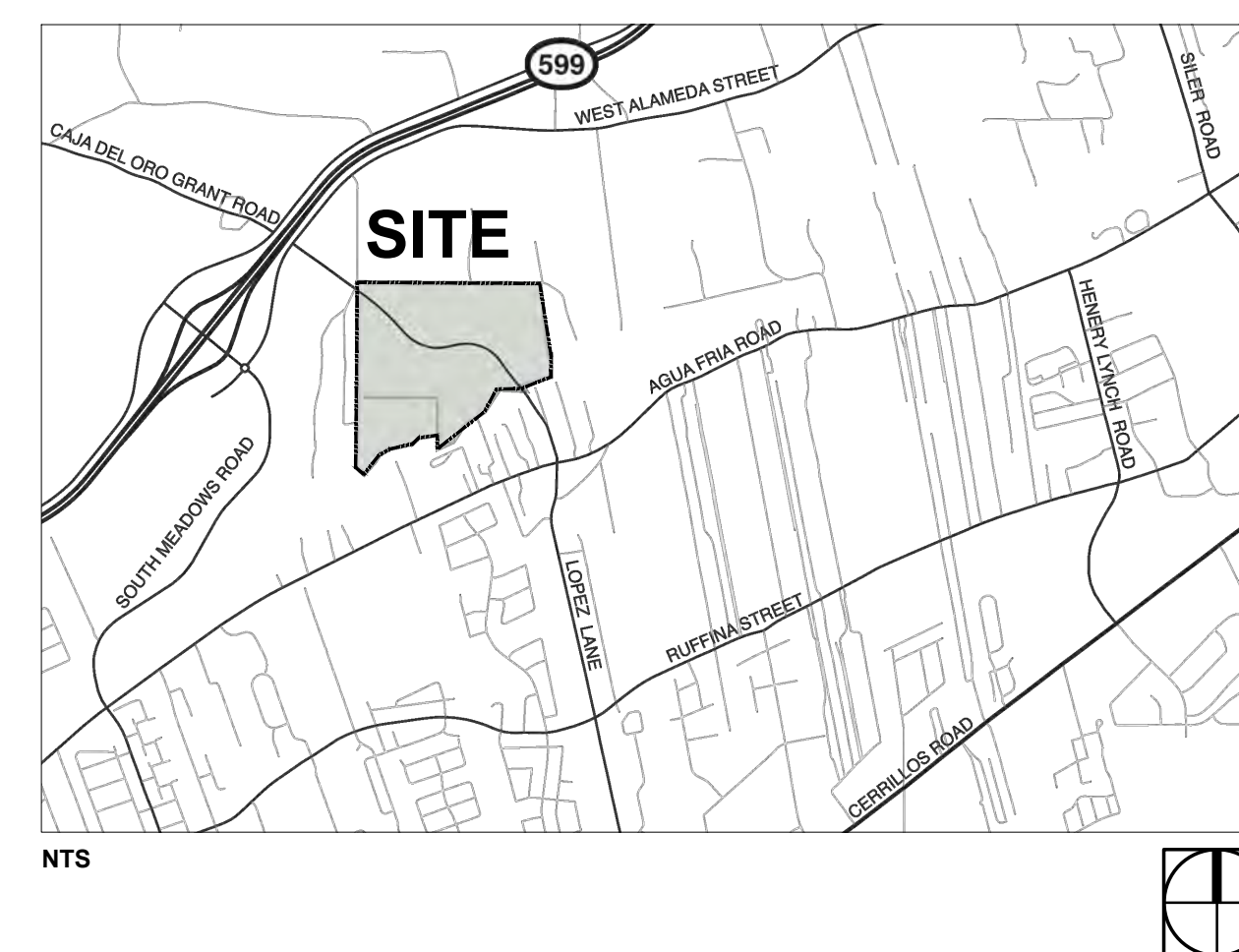
mep engineer

Tipton Engineering
427 Luisa Place
Santa Fe, NM 87505
contact: Karl Tipton, PE
tel: 505.310.3978
e: karl@tiptonengineering.com

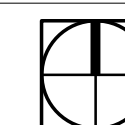
project location

2100 Caja Del Oro Grant Road
Santa Fe, New Mexico 87507

location map



NTS



APPROVED BY SANTA FE COUNTY

5/28/2021

DATE

FACILITIES AND PROJECTS
DIVISION DIRECTOR
PHILLIP MONTANO

APPROVED BY SANTA FE COUNTY

5/26/21

DATE

PROJECT MANAGER
CARRIE OLSON

project description

Romero Park is located on a 68-acre area of public land along the Santa Fe River off Caja Del Oro Grant Road in Santa Fe County within the traditional Village of Agua Fria. Formerly known as Agua Fria Park, Romero Park is an existing community park with amenities including a large picnic shelter (80 capacity), restroom / concessions building, multi-purpose lawn, toddler playground, older kid playground, walking paths, baseball field, and a dog park. The park also houses community facilities such as La Familia Medical Center, the Nancy Rodriguez Community Center, and the Agua Fria Fire Station.

The work designated as Romero Park - Site Improvements consists of providing a new court sports area, adding parking, and expanding the playground. The work includes but is not limited to the complete construction of: tennis courts (3), pickleball courts (5), basketball courts (2), a game area, a small picnic shelter (36-40 capacity) adjacent to a native grass lawn, parking area expansion, play equipment installation, and additional connected walking paths. Improvements include additional planting, irrigation, site lighting, fencing / access control, and signage to build upon existing facilities, make the park more user-friendly, and address maintenance concerns.

additive alternate 1 - post tensioned slab

Additive Alternate 1 replaces reinforced concrete slab courts (basketball, pickleball, and tennis) with post-tensioned concrete slab courts. Work includes the supply, construction, and installation of post-tensioned slab courts along with any additional subgrade preparation and earthwork not part of the base bid, if any. Basketball courts shall be integral color concrete. See sheets S0.1, S1.4, S1.5, S1.6, and S2.2 and specification section 03 38 16 Unbonded Post Tensioned Concrete, along with other relevant specification sections, for post tensioned slab court designs and details.

additive alternate 2 - building upgrades

Additive Alternate 2 consists of building upgrades to the existing restroom / concessions building for ADA code compliance, access control, convenience, safety, and resource efficiency. Architectural work consists of selective demolition and renovation of the women's restroom and reconfiguring / renovating the men's restroom to add a separate family restroom. Work includes upgrades to MEP systems, accessibility compliance, interior/exterior lighting, finish work, etc. as outlined on sheets A1-01, A1-02, E0-02, E1-01, E1-02, MP0-02, and MP1-01 as well as relevant specification sections. Work related to concessions room upgrades and solar panel system installation are NIC (Not In Contract) and excluded from this alternate. Base bid assumes no building-related improvements, but does include site electrical improvements.

additive alternate 3 - dog park

Additive Alternate 3 consists of the removal of the existing dog park / dog park parking area and the installation of a new dog park (with parking area) near the Nancy Rodriguez Community Center. Work includes salvaging existing building materials from the existing dog park; installing new / salvaged fence materials, shade structures, and site furnishings; installing new concrete paths (grey); installing a new parking area; extending a water line to a new hose bibb; landscape irrigation, plantings, surfacing, and revegetation; and completing associated earthwork and subgrade preparation. Work also includes reseeding the previous dog park / parking area, installing a new soft-surface connector path, and adjusting the perimeter fence / gate. See sheets C-03, C2-04, C2-05, C2-06, L1-02, L1-03, L2-02, L2-03, L4-02, L4-03, IR1-03, along with associated details. Base bid assumes no improvements in these areas.

sheet index

Sheet No.	Sheet Title
L0-00	GENERAL NOTES
L0-01	KEY PLAN
L1-01	DEMOLITION PLAN - WEST
L1-02	DEMOLITION PLAN - EAST
L1-03	DEMOLITION PLAN - DOG PARK

civil drawings

C2-01	GRADING AND DRAINAGE PLAN WEST
C2-02	GRADING AND DRAINAGE PLAN CENTRAL
C2-03	GRADING AND DRAINAGE PLAN DOG PARK
C2-04	WATER SYSTEM IMPROVEMENT
C2-05	STORMWATER POLLUTION PREVENTION PLAN
C2-06	SIGNAGE AND STRIPING PLAN
C2-07	CONSTRUCTION NOTES
C2-08	TYPE B CURB DETAIL

landscape drawings

L2-01	LAYOUT + MATERIALS PLAN - WEST
L2-02	LAYOUT + MATERIALS PLAN - CENTRAL
L2-03	LAYOUT + MATERIALS PLAN - DOG PARK
L2-04	ENLARGED PLAN - PLAYGROUND
L2-05	ENLARGED PLAN - COURTS
L2-06	DIMENSION PLAN - WEST
L3-01	SITE DETAILS
L3-02	SITE DETAILS
L3-03	SITE DETAILS
L3-04	SITE DETAILS
L3-05	SITE DETAILS
L4-01	PLANTING PLAN - WEST
L4-02	PLANTING PLAN - CENTRAL
L4-03	PLANTING PLAN - DOG PARK
L5-01	PLANTING DETAILS
IR1-01	IRRIGATION PLAN
IR1-02	IRRIGATION PLAN
IR1-03	IRRIGATION PLAN
IR2-01	IRRIGATION DETAILS
IR2-02	IRRIGATION DETAILS

architectural drawings

A1-01	DEMO + NEW FLOOR PLAN - ADD ALT 2
A1-02	ELEVATIONS + DETAILS + REFLECTED CEILING PLAN - ADD ALT 2
A2-01	PICNIC SHELTER PLANS, ELEVATIONS, AND DETAILS

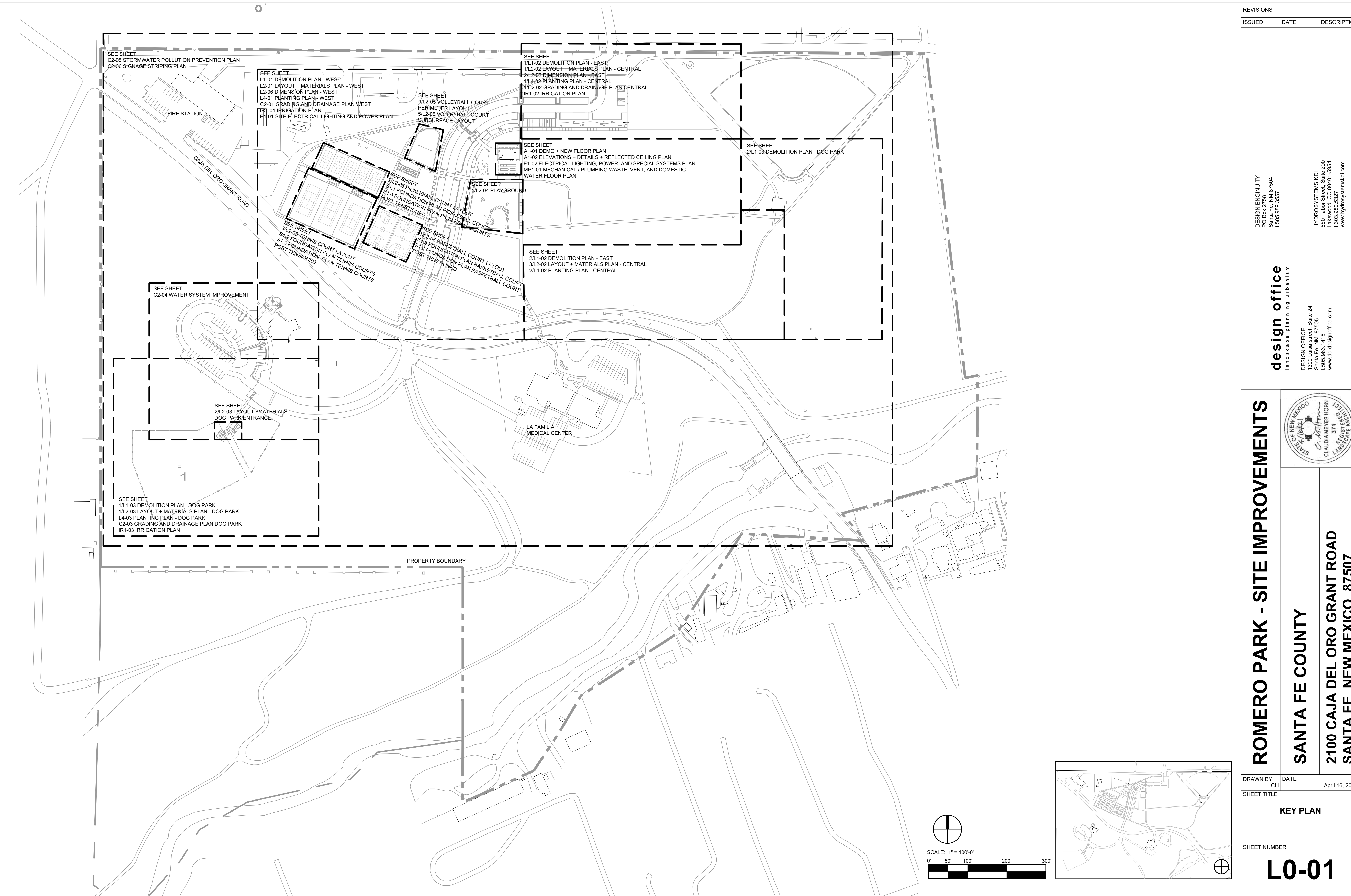
mep drawings

E0-01	ELECTRICAL GENERAL NOTES, LEGEND + DETAILS
E0-02	ELECTRICAL SCHEDULES, DIAGRAMS + DETAILS
E1-01	SITE ELECTRICAL LIGHTING AND POWER PLAN
E1-02	ELECTRICAL LIGHTING, POWER AND SPECIAL SYSTEMS PLANS
E6-01	SOLAR DIAGRAMS + DETAILS
E7-01	ELECTRICAL DETAILS
MP0-01	MECHANICAL / PLUMBING GENERAL NOTES, LEGEND + DETAILS
MP0-02	MECHANICAL / PLUMBING DIAGRAMS + SCHEDULES
MP1-01	MECHANICAL / PLUMBING WASTE, VENT + DOMESTIC WATER FLOOR PLANS

structural drawings

S0.1	GENERAL STRUCTURAL NOTES
S1.1	FOUNDATION PLAN FOR PICKLEBALL COURTS
S1.2	FOUNDATION PLAN FOR TENNIS COURTS
S1.3	FOUNDATION PLAN FOR BASKETBALL COURTS
S1.4	FOUNDATION PLAN FOR PICKLEBALL COURTS POST TENSIONED - ADD ALT 1
S1.5	FOUNDATION PLAN FOR TENNIS COURTS POST TENSIONED - ADD ALT 1
S1.6	FOUNDATION PLAN FOR BASKETBALL COURTS POST TENSIONED - ADD ALT 1
S2.1	FOUNDATION DETAILS FOR CONVENTIONALLY REINFORCED SLABS
S2.2	FOUNDATION DETAILS FOR POST TENSIONED SLABS





REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER PO Box 2768 Santa Fe, NM 87504 t. 505.969.3557	HYDROSYSTEMS KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-9954 t. 303.960.5327 www.hydrosystemsdi.com
---	---

design office landscape planning urbanism DESIGN OFFICE 1300 Luisa street, Suite 24 Santa Fe, NM 87505 t. 505.983.1415 www.do-designoffice.com

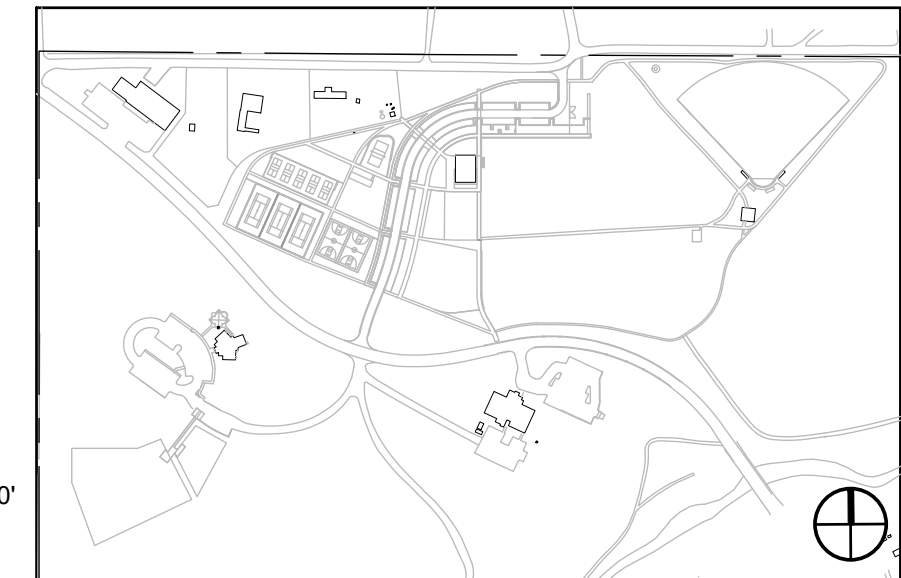
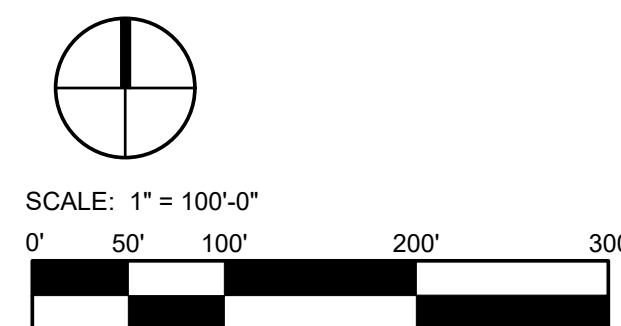


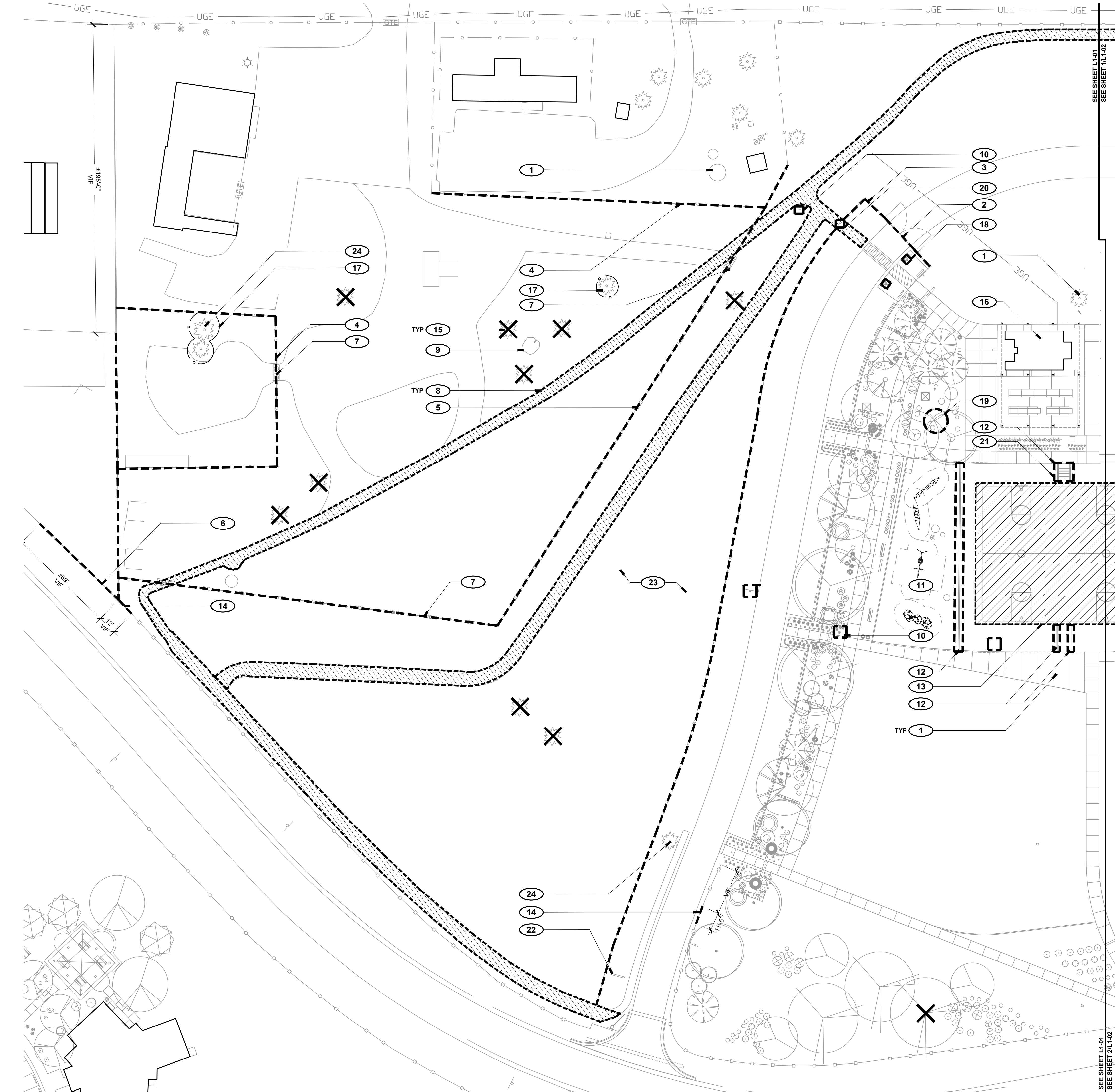
ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY	DATE
CH	April 16, 2021
SHEET TITLE	
KEY PLAN	
SHEET NUMBER	
L0-01	



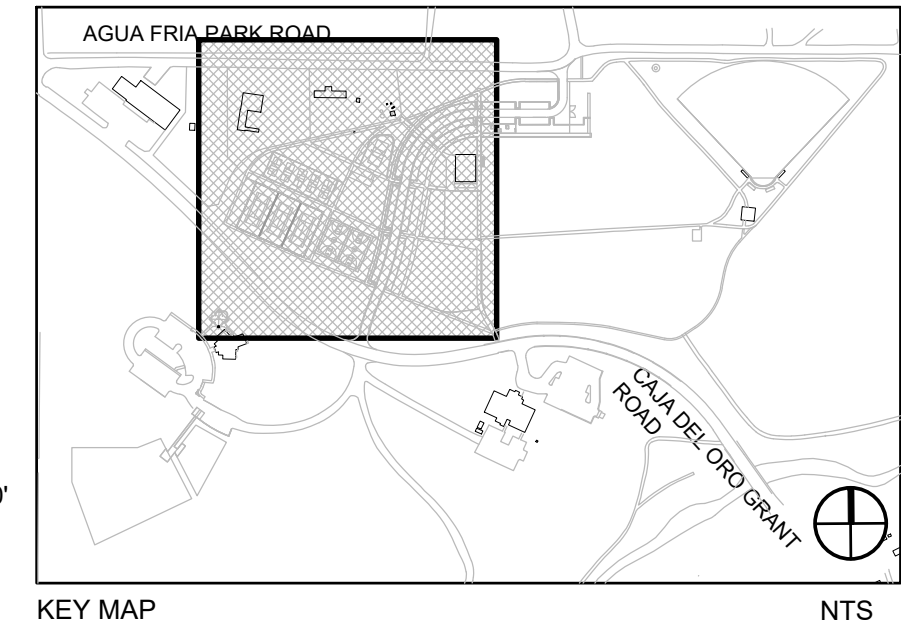
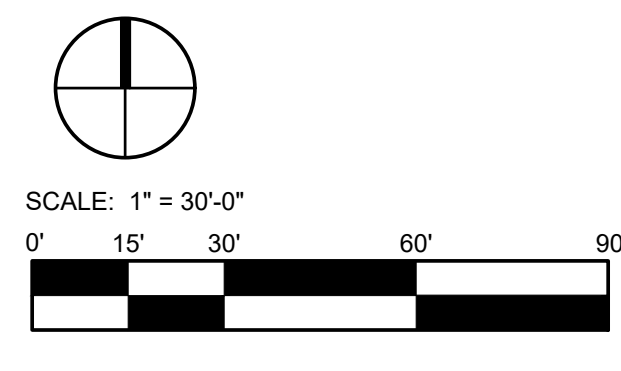


DEMOLITION LEGEND

- PROPERTY BOUNDARY
- MATCH LINE
- POST AND CABLE (EXISTING)
- CHAIN LINK FENCE, EXISTING
- TREE (EXISTING)
- SITE ELEMENT REMOVAL / SALVAGE
- FENCE REMOVAL / SALVAGE
- TREE REMOVAL
- CONCRETE REMOVAL
- ASPHALT REMOVAL
- TREE PROTECTION FENCING

DEMOLITION KEYED NOTES

- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2 SALVAGE RANCH GATES; SEE LAYOUT PLANS FOR NEW LOCATIONS; RELOCATE SIGN TO NORTH EMERGENCY ACCESS GATE.
- 3 5-STRAND BARBLESS FENCE; REMOVE AND SALVAGE FENCE POSTS FOR FUTURE REUSE, TYP.
- 4 CHAIN LINK FENCE; REMOVE AND SALVAGE TOP RAIL AND POSTS; SECURE AND FASTEN EXISTING MESH TO REMAIN, TYP.
- 5 COYOTE FENCE; REMOVE AND SALVAGE POSTS, GATES, AND LATILLAS FOR FUTURE REUSE; REMOVE TO FULL DEPTH OF CONSTRUCTION; SEE LAYOUT PLAN FOR COYOTE FENCE RELOCATION.
- 6 METAL PANEL FENCE; REMOVE AND SALVAGE MATERIAL FOR FUTURE REUSE; SEE LAYOUT PLAN, DELIVER UNUSED PANELS TO FIRE STATION. CONFIRM EXTENT OF REMOVE IN FIELD.
- 7 SALVAGE GATE AND GATE MATERIAL; DELIVER TO MAINTENANCE YARD; COORDINATE STORAGE LOCATION WITH OWNER, TYP.
- 8 REMOVE ASPHALT PATH TO FULL DEPTH OF CONSTRUCTION, TYP - SAW CUT ENDS CLEAN; RECYCLE MATERIAL FOR REUSE ON SITE AS BASE COURSE MATERIAL; SEE CIVIL; CONFIRM EXTENT OF REMOVAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO DEMOLITION.
- 9 WATER TANK OVERFLOW DRAIN / POND; SALVAGE ROCK; SEE CIVIL PLANS, C2-01 FOR PIPE EXTENSION / RECONFIGURATION.
- 10 SALVAGE TRAIL MARKER AND SIGNS FOR FUTURE REUSE; SEE LAYOUT PLAN FOR NEW LOCATION.
- 11 REMOVE SIGN FOOTING TO FULL DEPTH OF CONSTRUCTION AND DISPOSE OF OFF SITE.
- 12 SALVAGE WOOD TIMBER SITE ELEMENT; STORE ON SITE IN PROTECTED LOCATION FOR FUTURE REUSE.
- 13 REMOVE CONCRETE BASKETBALL COURTS TO FULL DEPTH OF CONSTRUCTION AND DISPOSE OFF SITE; SALVAGE POLES, BACKBOARDS AND GOALS FOR FUTURE REUSE.
- 14 POST AND CABLE FENCE; REMOVE AND SALVAGE POST COMPONENTS FOR FUTURE REUSE; SEE LAYOUT PLANS; CONFIRM EXTENT OF REMOVAL IN FIELD WITH LANDSCAPE ARCHITECT; TIE OFF ENCS AT POST OR INSTALL NEW END POST TO TERMINATE FENCE PER DETAIL 3/L3-03.
- 15 REMOVE EXISTING TREE, INCLUDING ROOTS; CHIP TREE AND STORE WOOD CHIPS ON SITE FOR FUTURE REUSE; CONFIRM SELECTION WITH LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
- 16 SEE ARCHITECTURAL PLANS FOR BUILDING SELECTIVE DEMOLITION.
- 17 PRESERVE AND PROTECT EXISTING TREE TO REMAIN; INSTALL TREE PROTECTION FENCING AROUND PERIMETER 5' FROM DRIP LINE OF TREE; MAINTAIN FENCE FOR DURATION OF CONSTRUCTION, TYP.
- 18 REMOVE ADA PARKING SYMBOLS AND STRIPING FROM SURFACE OF CONCRETE; PRESERVE AND PROTECT CONCRETE TO REMAIN.
- 19 REMOVE EXISTING MASONRY SAND TO FULL DEPTH; REUSE ON SITE, REFILL WITH CLEAN PLAY SAND; PRESERVE AND PROTECT STOCK TANK TO REMAIN.
- 20 REMOVE AND SALVAGE BOLLARD FOR FUTURE REUSE.
- 21 REMOVE AND SALVAGE METAL HANDRAILS, BOTH SIDES, TO FULL DEPTH OF CONSTRUCTION, TYP. SEE PLANS FOR RELOCATION.
- 22 REMOVE AND SALVAGE SIGN LETTERING AND ALUMINUM PLAQUE; INCLUDING MOUNTING POSTS; COORDINATE STORAGE LOCATION WITH OWNER.
- 23 SALVAGE TOPSOIL; SPREAD TOPSOIL IN AREAS TO BE RESEDED; CONFIRM AREAS TO BE HARVESTED AND AREAS TO APPLY TOPSOIL IN FIELD WITH LANDSCAPE ARCHITECT, TYP.
- 24 TRIM EXISTING TREE AS DIRECTED BY LANDSCAPE ARCHITECT TO ALLOW FOR NEW CONSTRUCTION. UTILIZE ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) GUIDELINES FOR TREE PRUNING, TYP.



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSYSTEMS KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.960.5327
 www.hydrosyskdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

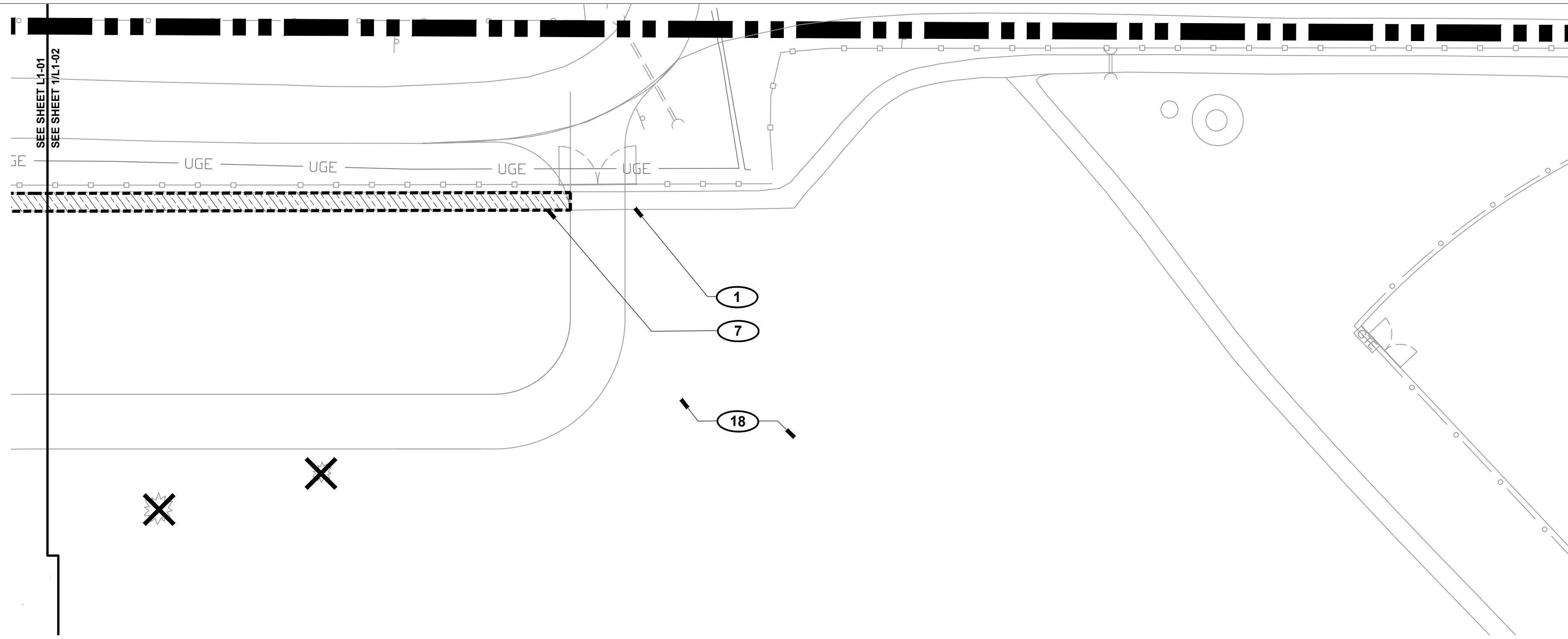
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

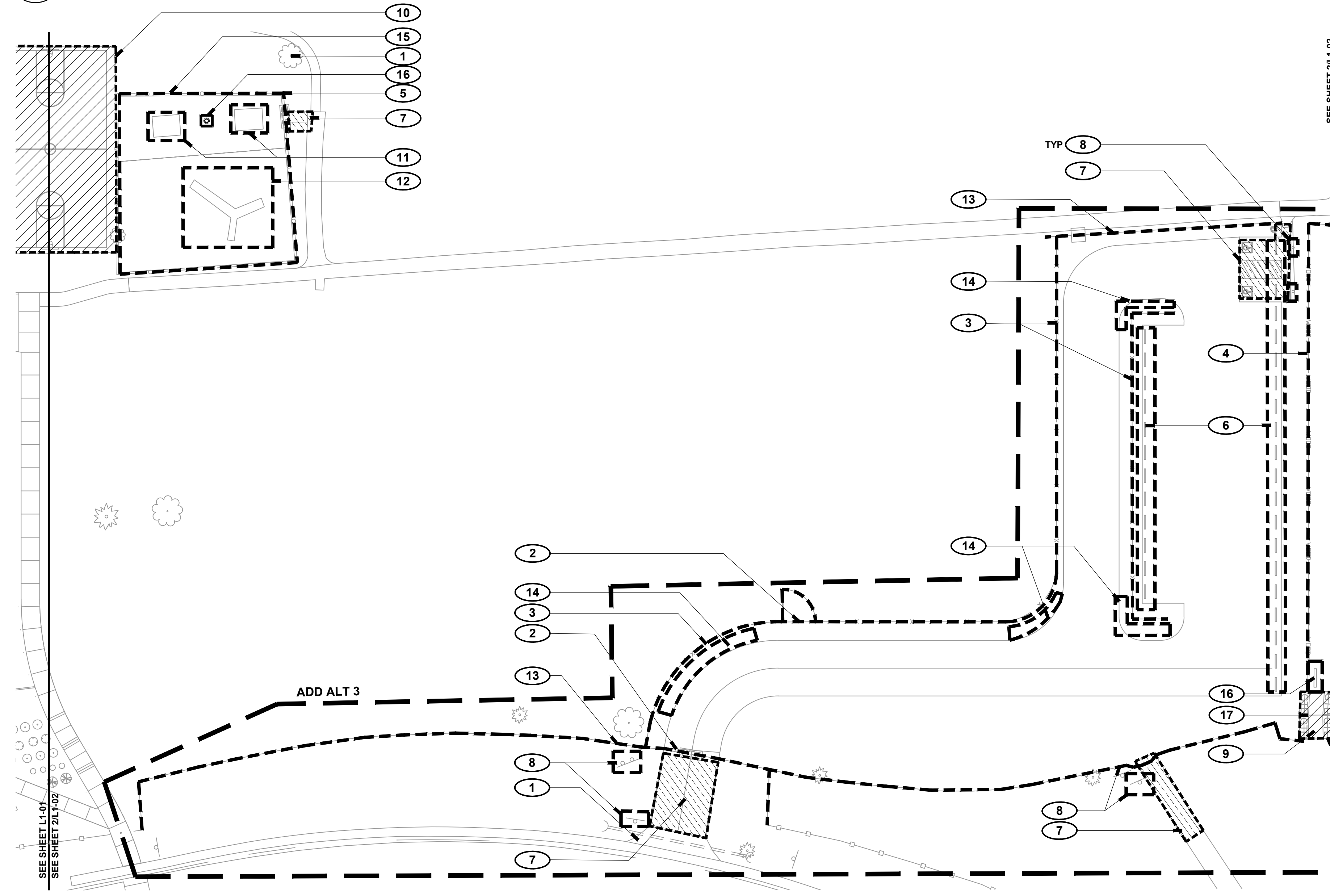
DRAWN BY CH DATE April 16, 2021

SHEET TITLE
DEMOLITION PLAN - WEST

SHEET NUMBER
L1-01



1 NORTH ACCESS
L1 02 SCALE: 1" = 30'-0"



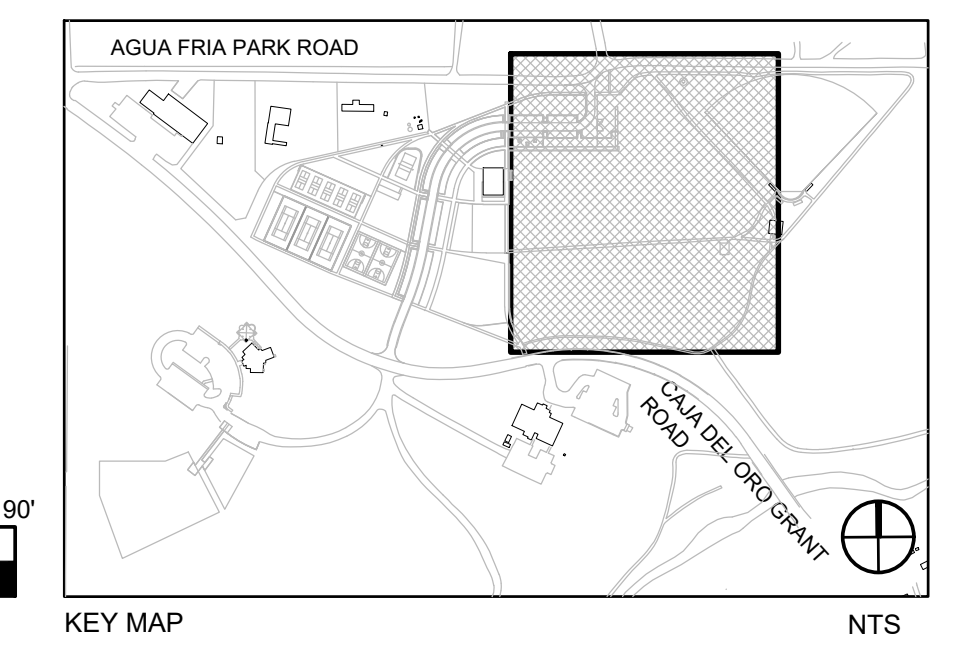
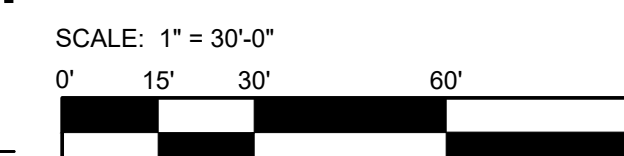
2 SOUTH ACCESS
L1 02 SCALE: 1" = 30'-0"

DEMOLITION LEGEND

- PROPERTY BOUNDARY
- MATCH LINE
- POST AND CABLE (EXISTING)
- CHAIN LINK FENCE, EXISTING
- TREE (EXISTING)
- SITE ELEMENT REMOVAL / SALVAGE
- FENCE REMOVAL / SALVAGE
- TREE REMOVAL
- CONCRETE REMOVAL
- ASPHALT REMOVAL
- TREE PROTECTION FENCING

DEMOLITION KEYED NOTES

- 1** PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2** METAL GATE: REMOVE AND SALVAGE FOR FUTURE USE; SEE LAYOUT PLANS FOR NEW LOCATION.
- 3** 5-STRAND BARBLESS FENCE; REMOVE AND SALVAGE FENCE POSTS FOR FUTURE REUSE, TYP.
- 4** WOOD POST AND RAIL FENCE WITH WIRE MESH; REMOVE AND SALVAGE FOR FUTURE REUSE; SEE LAYOUT PLAN FOR NEW FENCE LOCATION; FILL POST HOLES AND SMOOTH OUT EXISTING GRADES; SALVAGE SIGNAGE FOR FUTURE REUSE.
- 5** CHAIN LINK FENCE AND GATE; SALVAGE GATE; REMOVE AND SALVAGE TOP RAIL AND POSTS.
- 6** SALVAGE CONCRETE PARKING BUMPERS FOR FUTURE REUSE; STORE IN LOCATION AS DIRECTED BY OWNER, TYP.
- 7** REMOVE ASPHALT PAVING TO FULL DEPTH OF CONSTRUCTION, TYP.; SAW CUT ENDS CLEAN; RECYCLE MATERIAL FOR REUSE ON SITE AS BASE COURSE MATERIAL; SEE CIVIL; CONFIRM EXTENT OF REMOVAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO DEMOLITION.
- 8** SALVAGE SIGNS AND POSTS FOR FUTURE REUSE.
- 9** SALVAGE FENCE AND GATE AS DIRECTED BY OWNER, TYP.
- 10** REMOVE CONCRETE BASKETBALL COURTS TO FULL DEPTH OF CONSTRUCTION AND DISPOSE OFF SITE; SALVAGE POLES, BACKBOARDS AND GOALS FOR FUTURE REUSE.
- 11** SALVAGE EXISTING METAL SHADE STRUCTURES; STRUCTURAL MEMBERS TO REMAIN INTACT AND SERVICEABLE FOR FUTURE REUSE / INSTALLATION ON SITE; SALVAGE PICNIC TABLES FOR FUTURE REUSE, TYP.; REMOVE CONCRETE PADS / FOOTINGS TO FULL DEPTH AND DISPOSE OFF SITE.
- 12** SALVAGE EXISTING PLAYGROUND EQUIPMENT AND ENGINEERED WOOD FIBER; STORE IN LOCATION AS DIRECTED BY OWNER.
- 13** POST AND CABLE FENCE; REMOVE AND SALVAGE POSTS AND CABLE, TYP.; CONFIRM EXTENT OF REMOVAL IN FIELD; TIE OFF SECTIONS TO REMAIN AS PER DETAIL 3/L3-03.
- 14** WOOD POST; REMOVE AND SALVAGE FOR FUTURE REUSE.
- 15** REMOVE PERIMETER RAIL ROAD TIES AND DISPOSE OFF SITE; REMOVE AND SALVAGE PEAGRAVEL FOR FUTURE REUSE; REMOVE AND SALVAGE BLACK PLASTIC CURBING FOR FUTURE REUSE.
- 16** SALVAGE SITE FURNISHING FOR FUTURE REUSE, TYP.
- 17** SALVAGE GATE SIGNS FOR FUTURE REUSE, TYP.
- 18** COORDINATE TOPSOIL STOCKPILE LOCATION WITH LANDSCAPE ARCHITECT; AREAS TO BE RESEED TO RECEIVE HARVESTED TOPSOIL, SEE PLANTING PLAN, TYP.



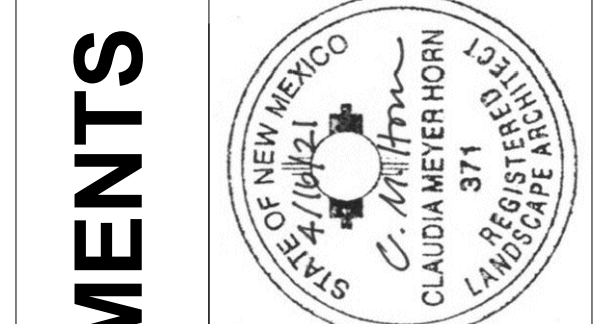
REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
t 505.989.9557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t 303.980.5327
www.hydrosystems-kdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t 505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

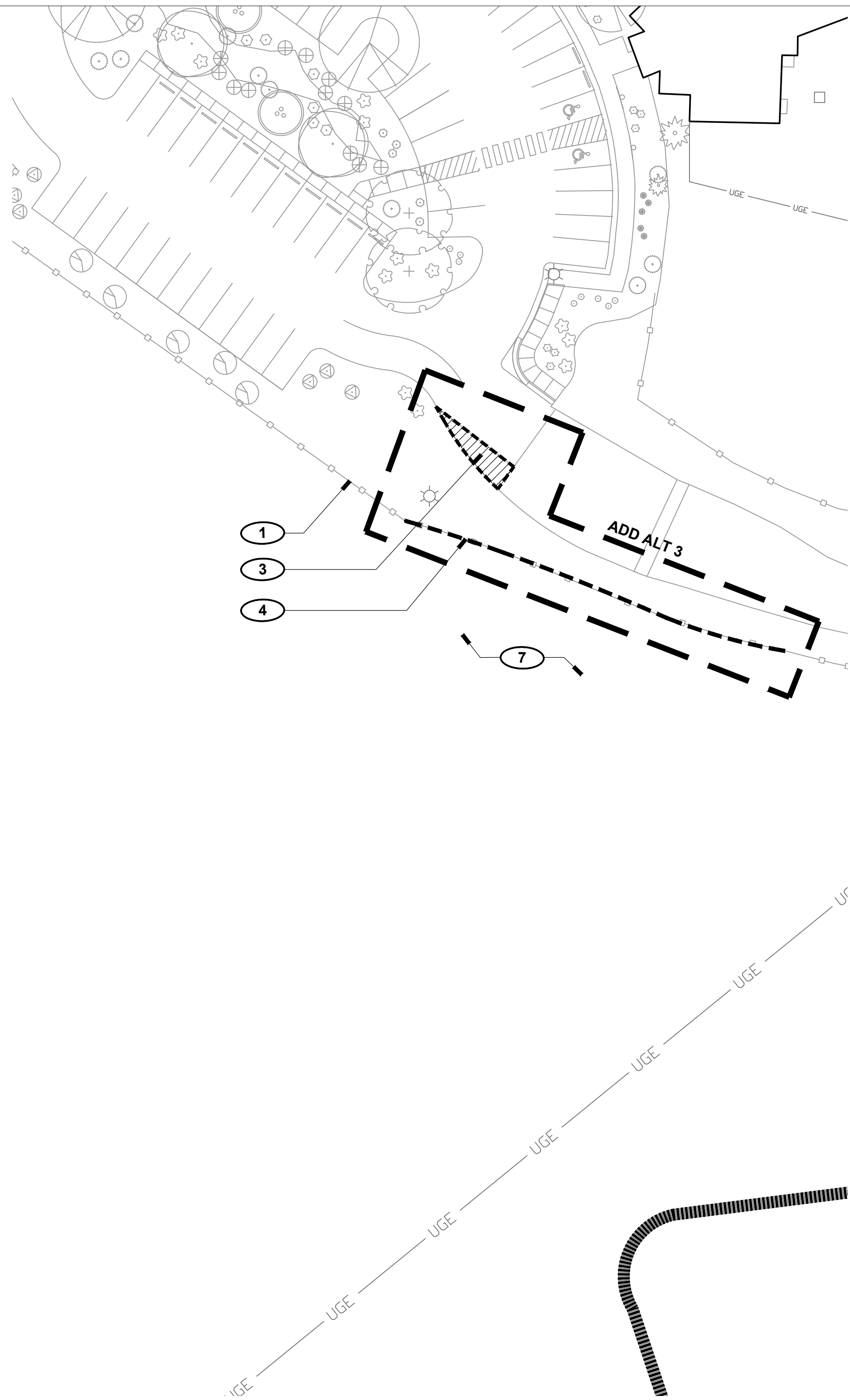
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

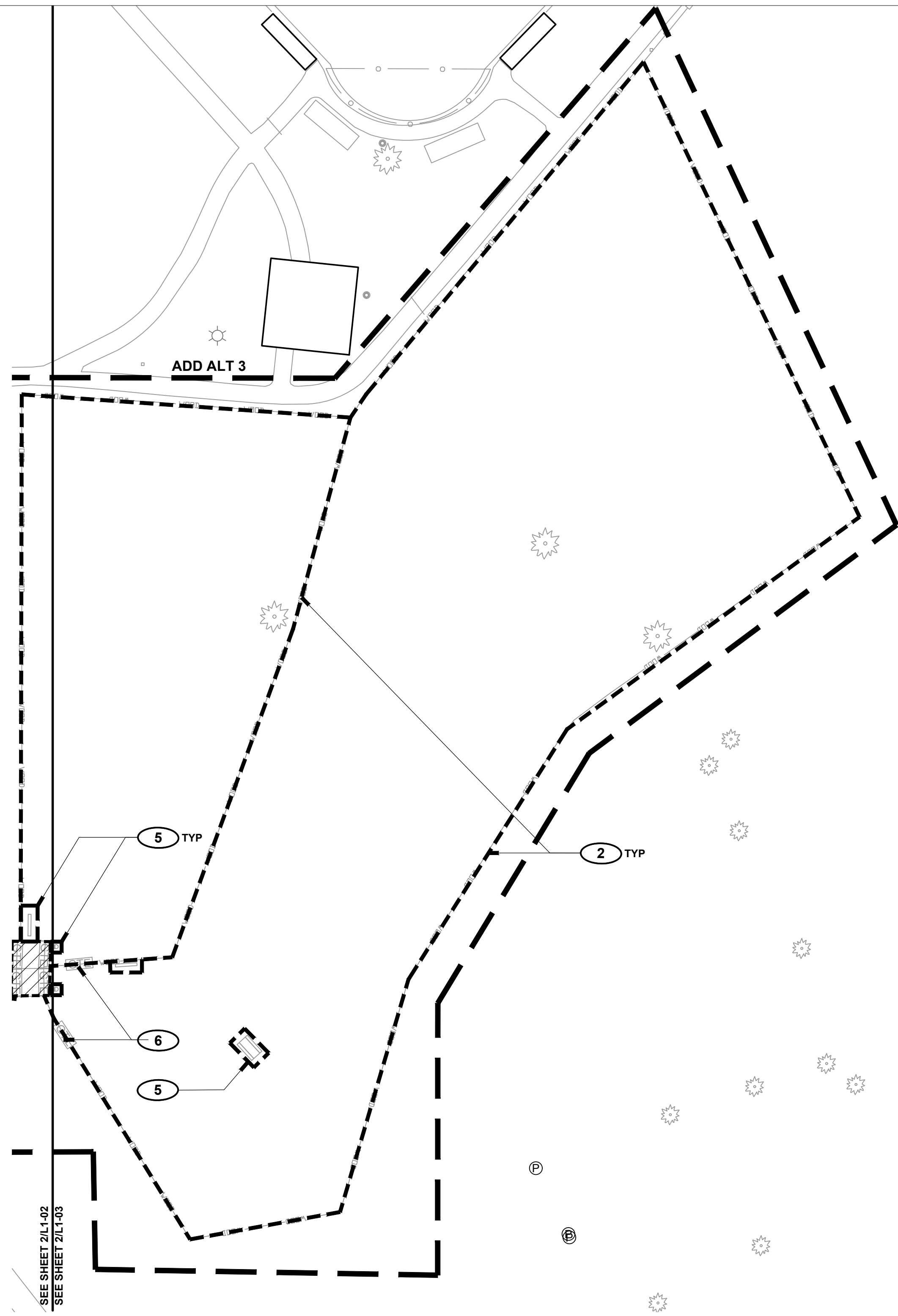
DRAWN BY CH DATE April 16, 2021

SHEET TITLE
DEMOLITION PLAN - EAST

SHEET NUMBER
L1-02



1 NEW DOG PARK AREA
L1-03 SCALE: 1" = 30'-0"



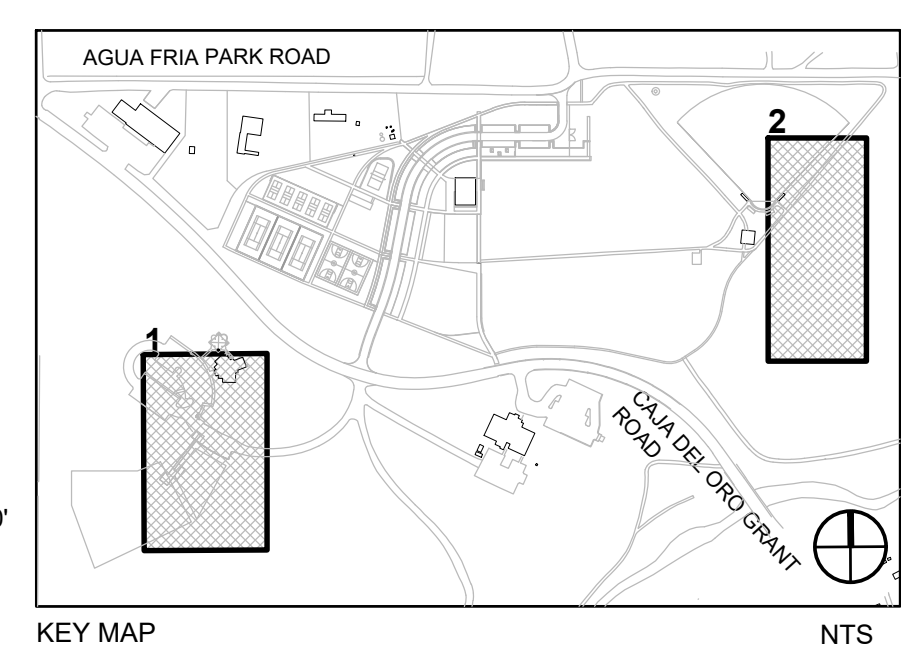
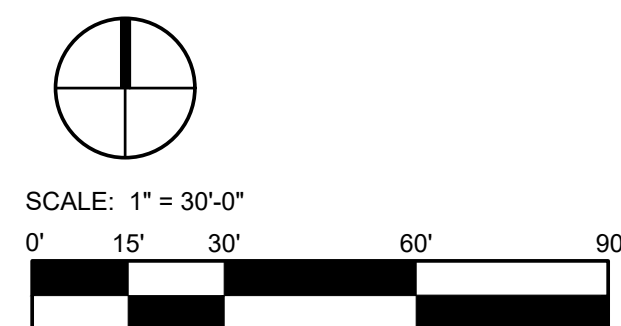
2 OLD DOG PARK AREA
L1-03 SCALE: 1" = 30'-0"

DEMOLITION LEGEND

- PROPERTY BOUNDARY
- MATCH LINE
- POST AND CABLE (EXISTING)
- CHAIN LINK FENCE, EXISTING
- TREE (EXISTING)
- SITE ELEMENT REMOVAL / SALVAGE
- FENCE REMOVAL / SALVAGE
- TREE REMOVAL
- CONCRETE REMOVAL
- ASPHALT REMOVAL
- TREE PROTECTION FENCING

DEMOLITION KEYED NOTES

- 1** PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2** WOOD POST AND RAIL FENCE WITH WIRE MESH; REMOVE AND SALVAGE FOR FUTURE REUSE; SEE LAYOUT PLAN FOR NEW FENCE LOCATION; FILL POST HOLES AND SMOOTH OUT EXISTING GRADES; SALVAGE SIGNAGE FOR FUTURE REUSE.
- 3** REMOVE ASPHALT PAVING TO FULL DEPTH OF CONSTRUCTION, TYP.; SAW CUT ENDS CLEAN SHORE UP REMAINING TO PREVENT EROSION OF EDGE; RECYCLE MATERIAL FOR REUSE ON SITE AS BASE COURSE MATERIAL; SEE CIVIL; CONFIRM EXTENT OF REMOVAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO DEMOLITION.
- 4** POST AND CABLE FENCE; REMOVE AND SALVAGE POSTS AND CABLE, TYP.; CONFIRM EXTENT OF REMOVAL IN FIELD; TIE OFF SECTIONS TO REMAIN AS PER DETAIL 3/L3-03.
- 5** SALVAGE SITE FURNISHING FOR FUTURE REUSE, TYP.
- 6** SALVAGE GATE FOR FUTURE REUSE, TYP.
- 7** COORDINATE TOPSOIL STOCKPILE LOCATION WITH LANDSCAPE ARCHITECT; AREAS TO BE RESEED TO RECEIVE HARVESTED TOPSOIL, SEE PLANTING PLAN, TYP.



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t. 505.969.9587

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9954
t. 303.960.5327
www.hydrosystems.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

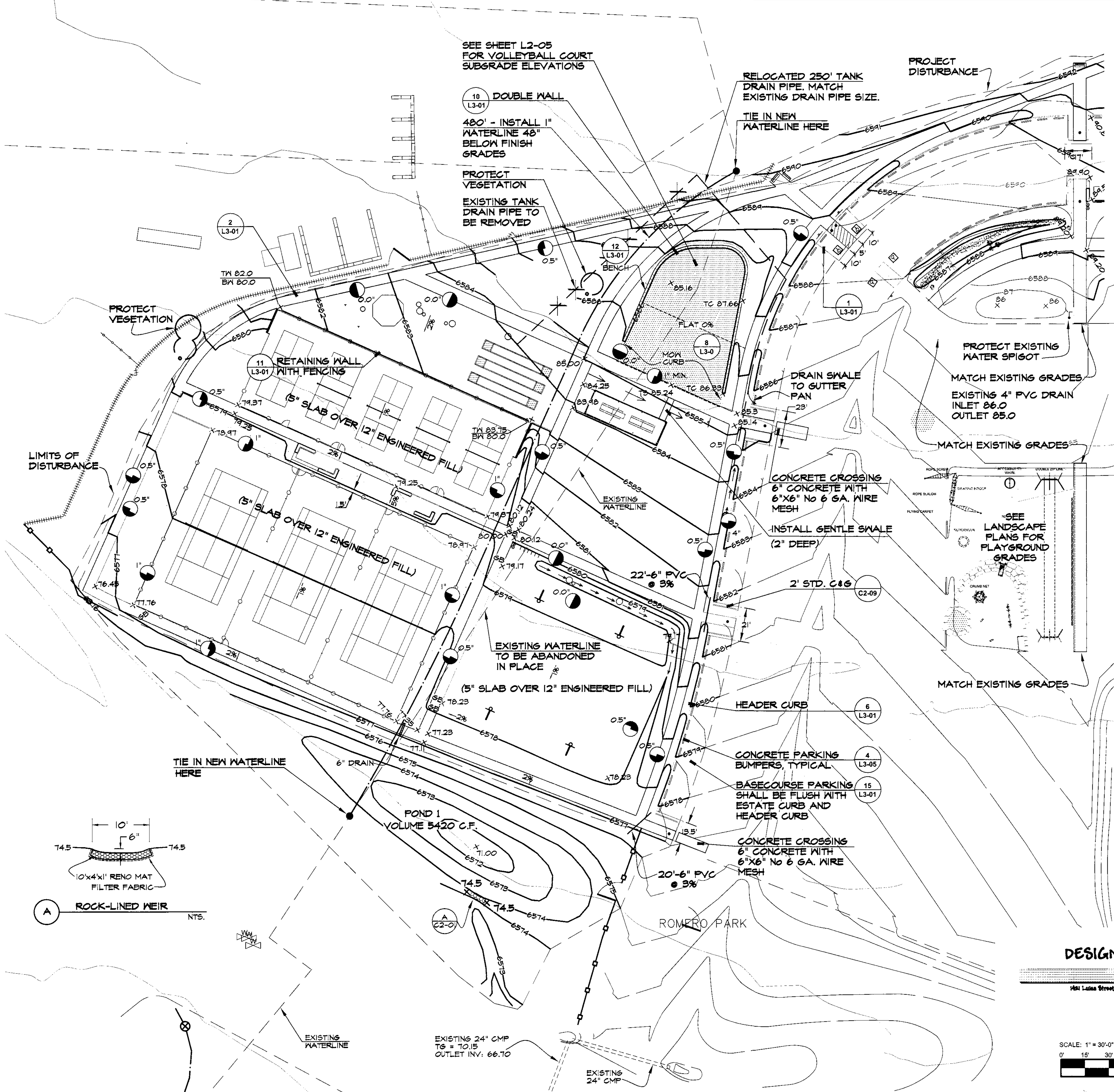
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021

SHEET TITLE
DEMOLITION PLAN - DOG PARK

SHEET NUMBER
L1-03



LAYOUT + MATERIALS LEGEND

PROPERTY BOUNDARY	TREE (EXISTING)
LIMIT OF WORK	BOLLARD
MATCH LINE	SIGN
CURB	TRAIL MARKER
EXPANSION JOINT	DOG WASTE STATION
CONTROL JOINT	YARD HYDRANT AND BASIN
POST AND CABLE FENCE	TRASH RECEPTACLE
RANCH FENCE	BENCH
CHAIN LINK FENCE	PICNIC TABLE
WOOD FENCE	BIKE RACK
COYOTE FENCE	PARKING BUMPER
FIVE STRAND BARBLESS	BOULDER
POST AND CABLE (EXISTING)	LIGHT LOCATION
CHAIN LINK FENCE (EXISTING)	
NATURAL SURFACE PATH	GRAVEL A
CONCRETE PAVING	GRAVEL B
ASPHALT PAVING	GRAVEL C
CRUSHER FINES PAVING	GRAVEL SALVAGED
BASE COURSE	PLAY SAND
COBBLE	

GRADING NOTES:

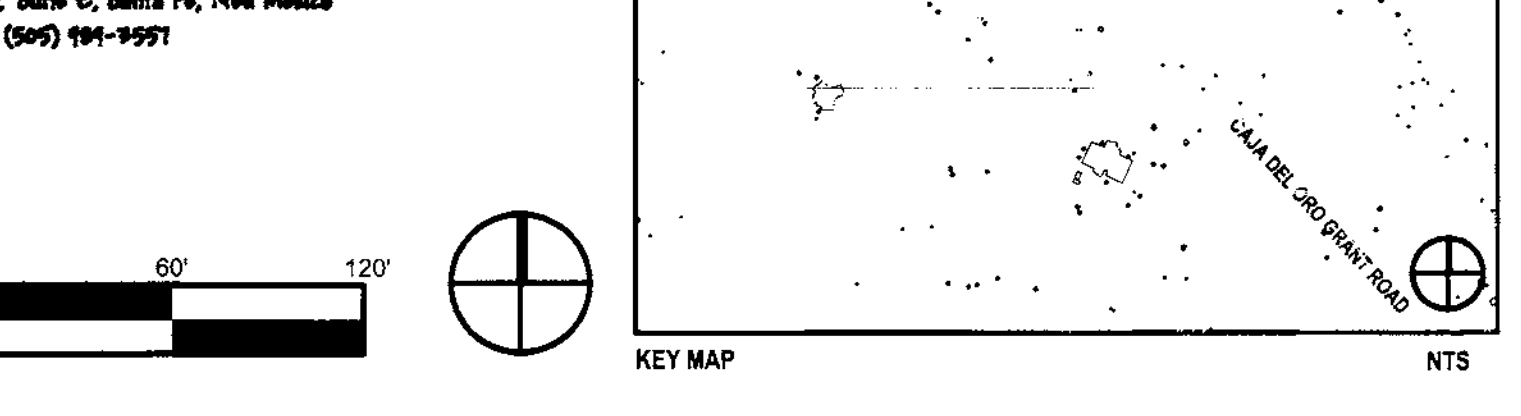
- ALL RAMPS SHALL NOT EXCEED 15:1 AND SHALL NOT EXCEED A 2% CROSS SLOPE.
- ALL ADA PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED A 2% IN ANY DIRECTION.
- ALL SIDEWALKS SHALL NOT EXCEED 5% AND SHALL NOT EXCEED A 2% CROSS SLOPE.
- ADA NOTES: ANSI A117.1-2003 SHALL BE MET FOR
- SIDEWALKS (SECTION 403)
- RAMPS (SECTION 405 & 406)
- TACTILE WARNING STRIPS (SECTION 406.13)
- MONOLITHIC HEADER CURBS ADJACENT TO RAMPS (SECTION 405.9)
- A SIDEWALK EXPANSION JOINT SHALL BE PLACED OVER ALL DRAIN PIPES.
- SEE GEOTECHNICAL REPORT FOR OTHER GRADING REQUIREMENTS.
- ALL DISTURBED AREAS WILL BE REVEGETATED PER THE LANDSCAPING PLANS.
- ALL FILL MATERIAL SHALL MEET NM DOT SPECIFICATIONS, GEOTECHNICAL REPORT SPECIFICATIONS, OR ARCHITECTURAL SPECIFICATIONS, WHICHEVER IS STRICTER.
- MAXIMUM 2:1 CUT SLOPES AND 3:1 FILL SLOPES UNLESS OTHERWISE NOTED.
- PRIOR TO BEGINNING GRADING OPERATIONS, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED.
- THIS PROJECT IS SUBJECT TO STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS.
- SEE LANDSCAPE PLANS FOR SURFACE MATERIAL THICKNESS.
- SEE SHEET L3-01 FOR SIDEWALK DETAILS (2-4).
- SEE STRUCTURAL PLANS FOR COURT SECTION TO DETERMINE SUBGRADE ELEVATION.

LEGEND

X 80.84	PROPOSED SPOT ELEVATION
(Solid line)	PROPOSED CONTOURS
(Dashed line)	PHASE ONE CONTOURS
(Dotted line)	EXISTING CONTOURS
(Line with slope %)	PROPOSED GRADE
(Line with size)	CULVERT, SIZE AS NOTED.
(Line with -GB)	GRADE BREAK
(Line with 1')	LIMITS OF DISTURBANCE
(Circle with 1')	RELATIVE ELEVATION DIFFERENCE BETWEEN DIFFERENT FINISHED SURFACES
(Line with NEW CONSTRUCTION)	NEW CONSTRUCTION
(Line with 6' PARKING STALL)	6' PARKING STALL
(Line with 6" BASECOURSE)	6" BASECOURSE (95% MAX DENSITY)
(Line with 6" COMPACTED SUBGRADE)	6" COMPACTED SUBGRADE (95% MAX DENSITY)
(Line with CONCRETE BUMPER)	CONCRETE BUMPER
(Line with 6" HEADER CURB)	6" HEADER CURB

ACCESS ROAD AND PARKING TYPICAL SECTION

NOTE: NORTH OF CONCRETE STANDS, PARKING STALL TO BE INSTALLED ON BOTH SIDES OF ACCESS ROAD.



SCALE: 1" = 30'-0"
0' 15' 30' 60' 120'

REVISIONS

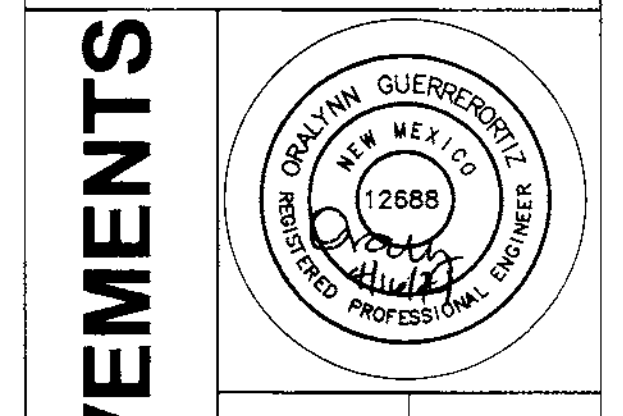
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEUTY
PO Box 2758
Santa Fe, NM 87504
1.505.989.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydro-systems.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Lutes Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

SANTA FE COUNTY

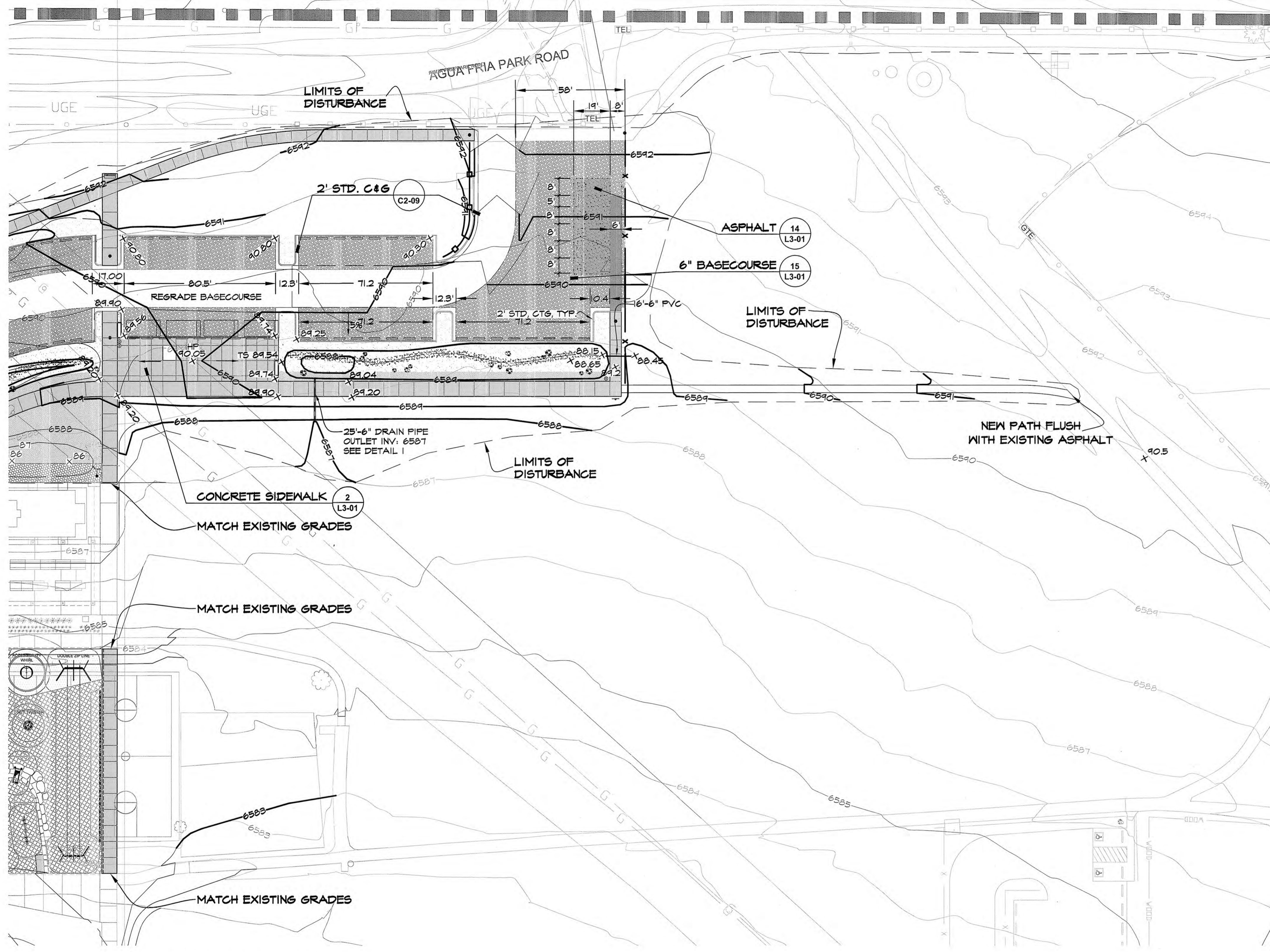
2100 CAJA DEL ORO GRANT ROAD

SANTA FE, NEW MEXICO 87507

DRAWN BY DATE 04/16/21

SHEET TITLE
GRADING AND DRAINAGE PLAN - WEST

SHEET NUMBER
C2-01



1 NORTH PARKING AREA
 L2 02 SCALE: 1" = 30'-0"

LAYOUT + MATERIALS LEGEND

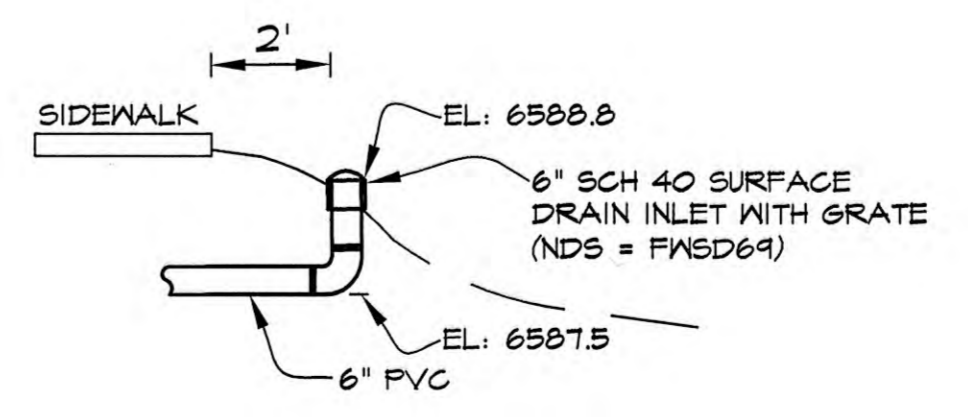
	PROPERTY BOUNDARY		TREE (EXISTING)
	LIMIT OF WORK		BOLLARD
	MATCH LINE		SIGN
	EXPANSION JOINT		TRAIL MARKER
	CONTROL JOINT		DOG WASTE STATION
	POST AND CABLE FENCE		YARD HYDRANT AND BASIN
	RANCH FENCE		TRASH RECEPTACLE
	CHAIN LINK FENCE		BENCH
	WOOD FENCE		PICNIC TABLE
	COYOTE FENCE		BIKE RACK
	FIVE STRAND BARBLESS		PARKING BUMPER
	POST AND CABLE (EXISTING)		BOULDER
	CHAIN LINK FENCE (EXISTING)		LIGHT LOCATION
	NATURAL SURFACE PATH		
	CONCRETE PAVING		GRAVEL A
	ASPHALT PAVING		GRAVEL B
	CRUSHER FINES PAVING		GRAVEL C
	BASE COURSE		GRAVEL, SALVAGED
	COBBLE		PLAY SAND

GRADING NOTES:

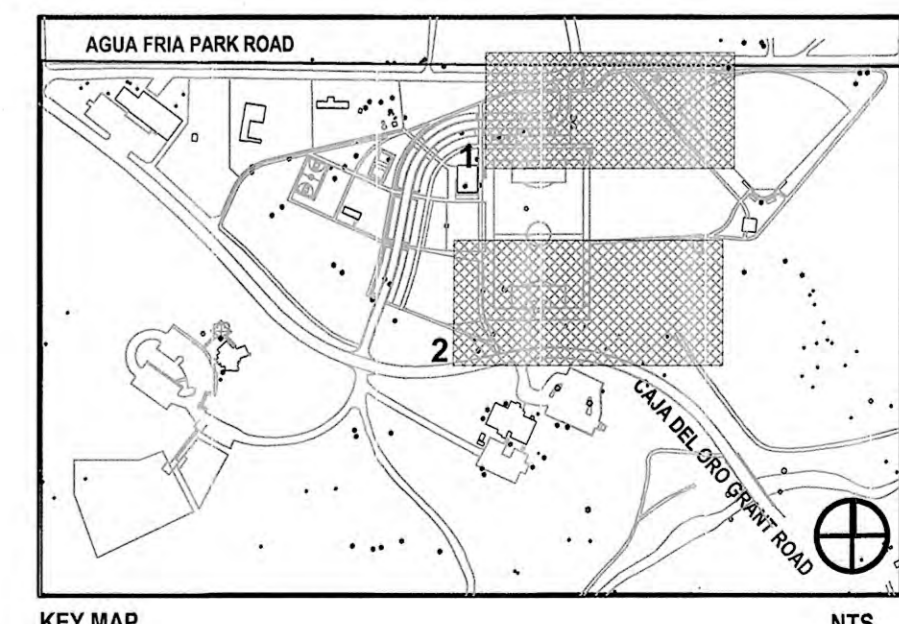
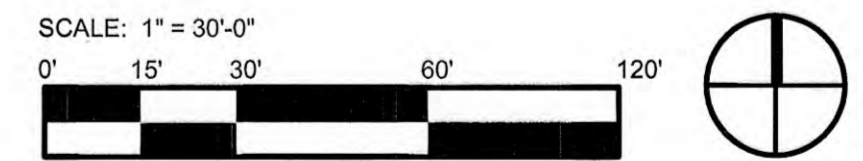
- 1 ALL RAMP SHALL NOT EXCEED 15:1 AND SHALL NOT EXCEED A 2% CROSS SLOPE.
- 2 ALL ADA PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED A 2% IN ANY DIRECTION.
- 3 ALL SIDEWALKS SHALL NOT EXCEED 5% AND SHALL NOT EXCEED A 2% CROSS SLOPE.
- 4 ADA NOTES, ANSI A117.1-2003 SHALL BE MET FOR:
 - a. SIDEWALKS (SECTION 403)
 - b. RAMPS (SECTION 405 & 406)
 - c. TACTILE WARNING STRIPS (SECTION 406.13)
 - d. MONOLITHIC HEADER CURBS ADJACENT TO RAMPS (SECTION 405.9)
- 5 A SIDEWALK EXPANSION JOINT SHALL BE PLACED OVER ALL DRAIN PIPES.
- 6 SEE GEOTECHNICAL REPORT FOR OTHER GRADING REQUIREMENTS.
- 7 ALL DISTURBED AREAS WILL BE REVEGETATED PER THE LANDSCAPING PLANS.
- 8 ALL FILL MATERIAL SHALL MEET NM DOT SPECIFICATIONS, GEOTECHNICAL REPORT SPECIFICATIONS, OR ARCHITECTURAL SPECIFICATIONS, WHICH EVER IS STRICTER.
- 9 MAXIMUM 2:1 CUT SLOPES AND 3:1 FILL SLOPES UNLESS OTHERWISE NOTED.
- 10 PRIOR TO BEGINNING GRADING OPERATIONS, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED.
- 11 THIS PROJECT IS SUBJECT TO STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS.
- 12 SEE LANDSCAPE PLANS FOR SURFACE MATERIAL THICKNESS.
- 13 SEE SHEET L3-01 FOR SIDEWALK DETAILS (2-4).
- 14 SEE STRUCTURAL PLANS FOR COURT SECTION TO DETERMINE SUBGRADE ELEVATIC

LEGEND

- PROPOSED SPOT ELEVATION
-



DETAIL I - INLET OF 6" PVC



REVISIONS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 1 505.983.3557

HYDROSYSTEMS KDI
 860 Labor Street, Suite 200
 Lakewood, CO 80401-5854
 1 303.960.5327
 www.hydrosystemsmdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 1 505.983.1415
 www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

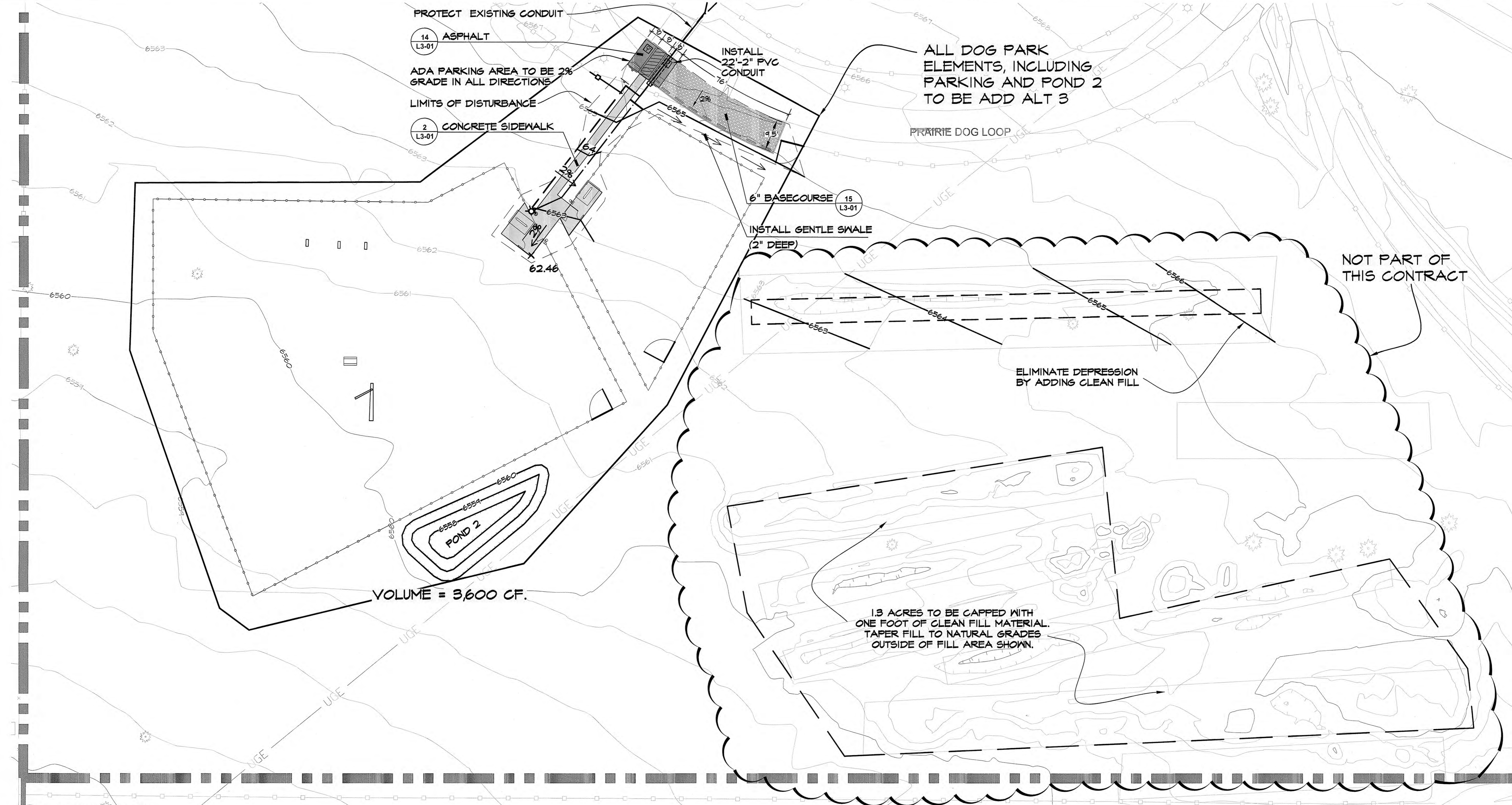
SANTA FE COUNTY
2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY: DATE: 04/16/21

SHEET TITLE
 GRADING AND DRAINAGE PLAN
 CENTRAL

SHEET NUMBER

C2-02



1 DOG PARK
L2 04 SCALE: 1" = 30'-0"

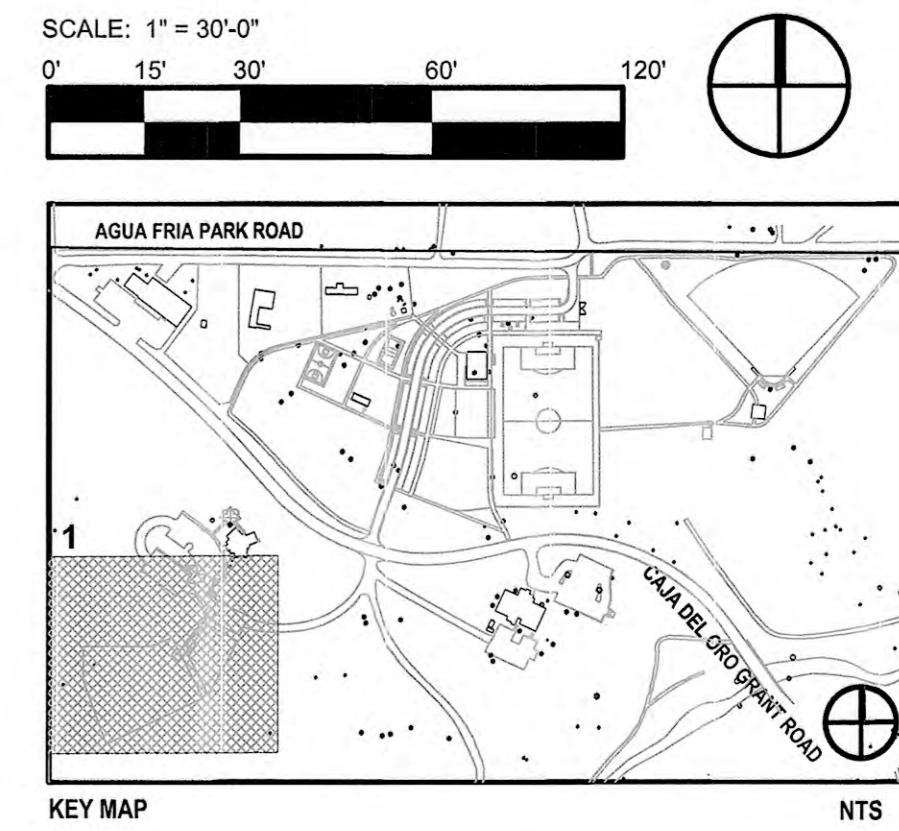
LAYOUT + MATERIALS LEGEND

	PROPERTY BOUNDARY		TREE (EXISTING)
	LIMIT OF WORK		BOLLARD
	MATCH LINE		SIGN
	CURB		TRAIL MARKER
	EXPANSION JOINT		DOG WASTE STATION
	CONTROL JOINT		YARD HYDRANT AND BASIN
	POST AND CABLE FENCE		TRASH RECEPTACLE
	RANCH FENCE		BENCH
	CHAIN LINK FENCE		PICNIC TABLE
	WOOD FENCE		BIKE RACK
	COYOTE FENCE		PARKING BUMPER
	FIVE STRAND BARBLESS		Boulder
	POST AND CABLE (EXISTING)		LIGHT LOCATION
	CHAIN LINK FENCE (EXISTING)		
	NATURAL SURFACE PATH		GRAVEL A
	CONCRETE PAVING		GRAVEL B
	ASPHALT PAVING		GRAVEL C
	CRUSHER FINES PAVING		GRAVEL, SALVAGED
	BASE COURSE		PLAY SAND
	COBBLE		

- GRADING NOTES:**
- ALL RAMP SHALL NOT EXCEED 15:1 AND SHALL NOT EXCEED A 2% CROSS SLOPE.
 - ALL ADA PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED A 2% IN ANY DIRECTION.
 - ALL SIDEWALKS SHALL NOT EXCEED 5% AND SHALL NOT EXCEED A 2% CROSS SLOPE.
 - ADA NOTES: ANSI A117.1-2003 SHALL BE MET FOR:
 - SIDEWALKS (SECTION 403)
 - RAMP (SECTION 405 & 406)
 - TACTILE WARNING STRIPS (SECTION 406.13)
 - MONOLITHIC HEADER CURBS ADJACENT TO RAMPS (SECTION 405.9)
 - A SIDEWALK EXPANSION JOINT SHALL BE PLACED OVER ALL DRAIN PIPES.
 - SEE GEOTECHNICAL REPORT FOR OTHER GRADING REQUIREMENTS.
 - ALL DISTURBED AREAS WILL BE REVEGETATED PER THE LANDSCAPING PLANS
 - ALL FILL MATERIAL SHALL MEET NM DOT SPECIFICATIONS, GEOTECHNICAL REPORT SPECIFICATIONS, OR ARCHITECTURAL SPECIFICATIONS, WHICH EVER IS STRICTER.
 - MAXIMUM 2:1 CUT SLOPES AND 3:1 FILL SLOPES UNLESS OTHERWISE NOTED.
 - PRIOR TO BEGINNING GRADING OPERATIONS, THE TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED.
 - THIS PROJECT IS SUBJECT TO STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS.
 - SEE LANDSCAPE PLANS FOR SURFACE MATERIAL THICKNESS.
 - SEE SHEET L3-01 FOR SIDEWALK DETAILS (2-4).
 - SEE STRUCTURAL PLANS FOR COURT SECTION TO DETERMINE SUBGRADE ELEVATIC

LEGEND

	PROPOSED SPOT ELEVATION
	PROPOSED CONTOURS
	PHASE ONE CONTOURS
	EXISTING CONTOURS
	PROPOSED GRADE
	CULVERT, SIZE AS NOTED.
	GRADE BREAK
	LIMITS OF DISTURBANCE
	RELATIVE ELEVATION DIFFERENCE BETWEEN DIFFERENT FINISHED SURFACES



REVISED 04-08-2021 TO INDICATE ADD ALTERNATES

REVISIONS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
1 505.983.3557

HYDROSYSTEMS KDI
880 Tabor Street, Suite 200
Lakewood, CO 80407-5954
1 303.980.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1111 Santa Fe, Suite 24
Santa Fe, NM 87505
1 505.983.1415
www.do-designoffice.com



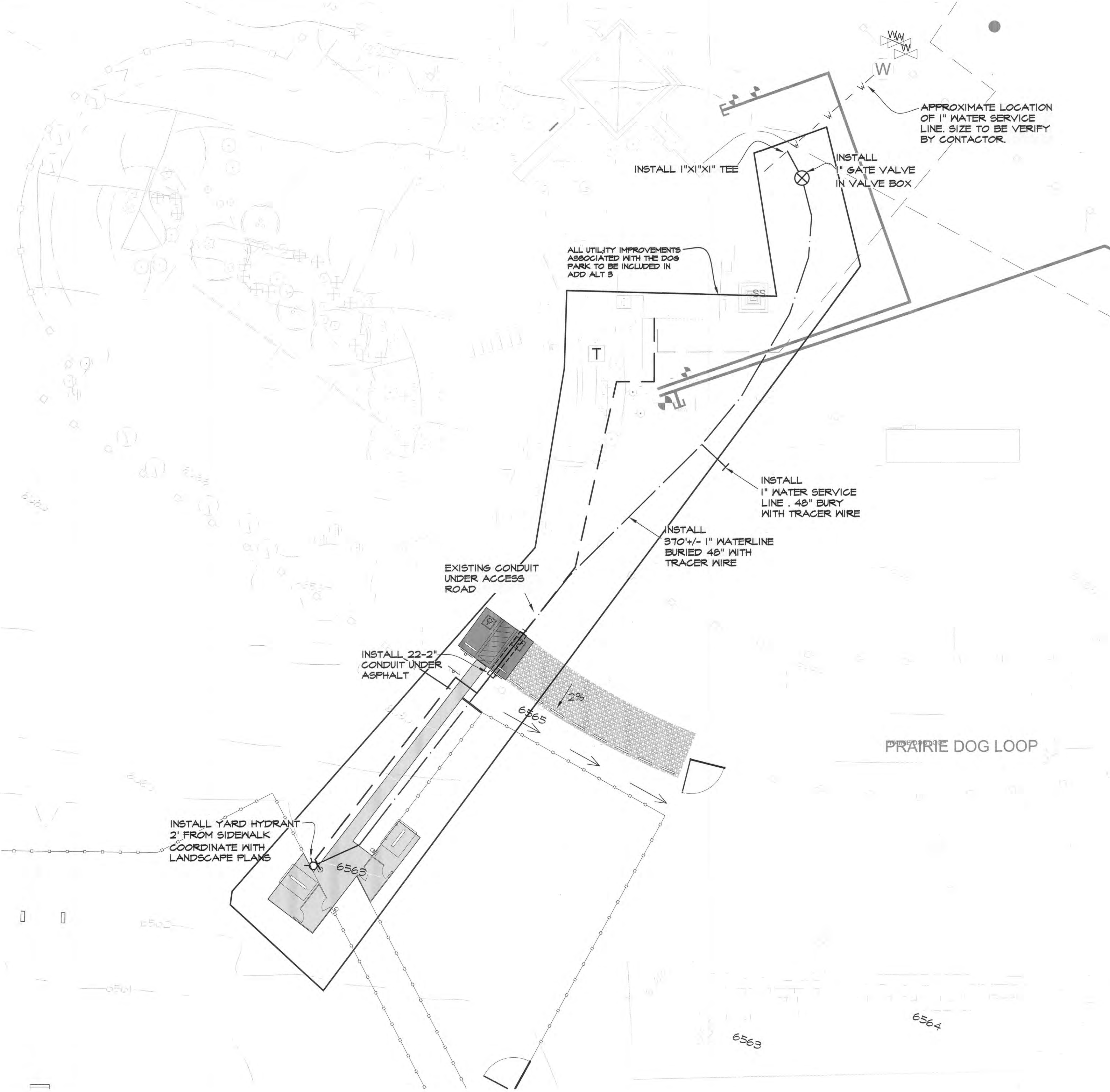
ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY
2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY DATE 04/18/21

SHEET TITLE
GRADING AND DRAINAGE PLAN DOG PARK

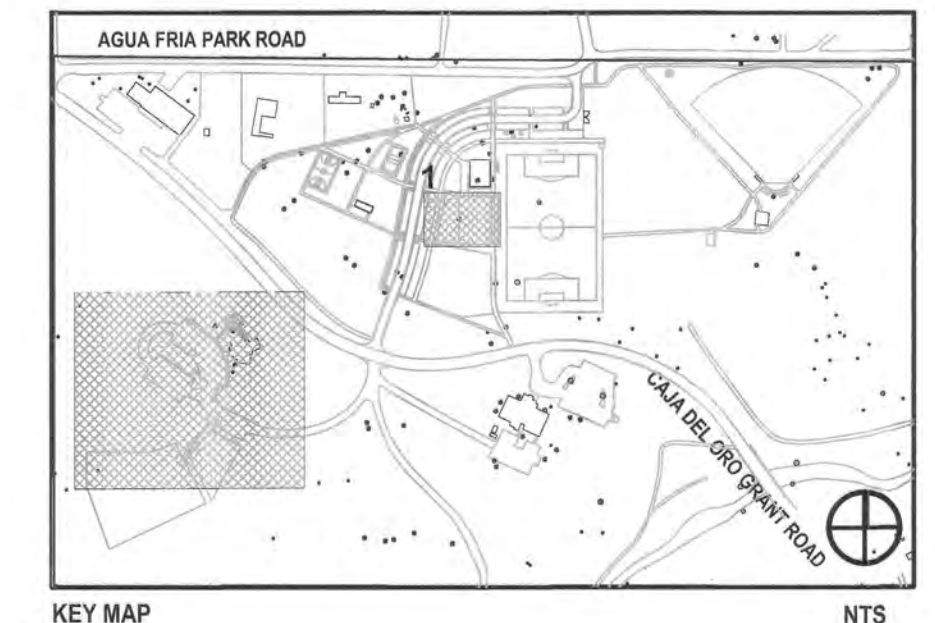
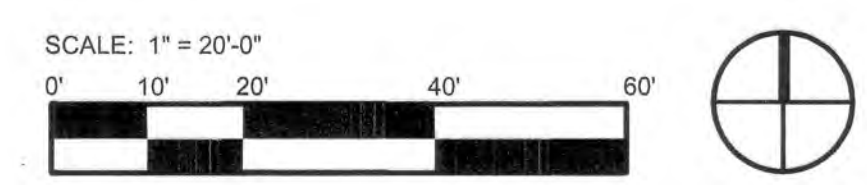
SHEET NUMBER
C2-03



LAYOUT + MATERIALS LEGEND

	PROPERTY BOUNDARY		TREE (EXISTING)
	LIMIT OF WORK		BOLLARD
	MATCH LINE		SIGN
	CURB		TRAIL MARKER
	EXPANSION JOINT		DOG WASTE STATION
	CONTROL JOINT		YARD HYDRANT AND BASIN
	POST AND CABLE FENCE		TRASH RECEPTACLE
	RANCH FENCE		BENCH
	CHAIN LINK FENCE		PICNIC TABLE
	WOOD FENCE		BIKE RACK
	COYOTE FENCE		PARKING BUMPER
	FIVE STRAND BARBLESS		BOULDER
	POST AND CABLE (EXISTING)		LIGHT LOCATION
	CHAIN LINK FENCE (EXISTING)		
	NATURAL SURFACE PATH		GRAVEL A
	CONCRETE PAVING		GRAVEL B
	ASPHALT PAVING		GRAVEL C
	CRUSHER FINES PAVING		GRAVEL, SALVAGED
	BASE COURSE		PLAY SAND
	COBBLE		

DESIGN ENGINEUTY
 1421 Luisa Street, Suite E, Santa Fe, New Mexico
 (505) 994-9997



REVISED 04-08-2021
 TO INDICATE ADD
 ALTERNATES

ALL WORK THIS
 SHEET IS ADD ALT. 3

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEUTY PO Box 2758 Santa Fe, NM 87504 1-505-989-3557	HYDROSYSTEMS.KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-6564 1-303-980-5327 www.hydrosystems.kdi.com
---	--

design office
 landscape planning urbanism

DESIGN OFFICE Suite 24
 Santa Fe, NM 87505
 1-505-963-1415
 www.dco-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
 SANTA FE, NEW MEXICO 87507**

ORALYN GUERRERO
 12688
 REGISTERED PROFESSIONAL ENGINEER

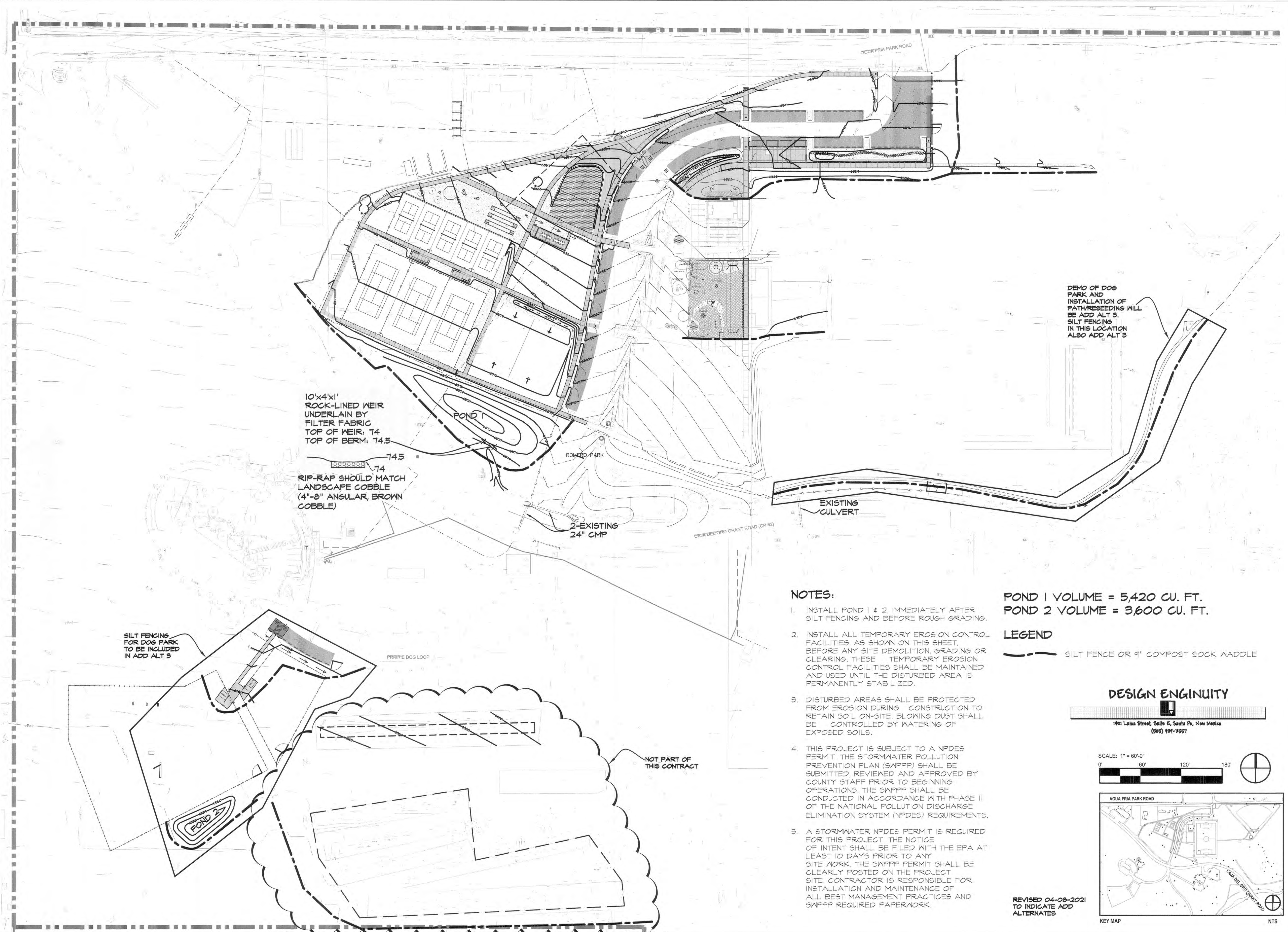
DRAWN BY	DATE
	04/16/21

SHEET TITLE

WATER SYSTEM IMPROVEMENT

SHEET NUMBER

C2-04



10'x4'x1'
ROCK-LINED WEIR
UNDERLAIN BY
FILTER FABRIC
TOP OF WEIR: 74
TOP OF BERM: 74.5

74
RIP-RAP SHOULD MATCH
LANDSCAPE COBBLE
(4"-8" ANGULAR, BROWN
COBBLE)

2-EXISTING
24" CMP

DEMO OF DOG
PARK AND
INSTALLATION OF
PATH/RESEEDING WILL
BE ADD ALT 3.
SILT FENCING
IN THIS LOCATION
ALSO ADD ALT 3

SILT FENCING
FOR DOG PARK
TO BE INCLUDED
IN ADD ALT 3

NOT PART OF
THIS CONTRACT

NOTES:

1. INSTALL POND 1 & 2, IMMEDIATELY AFTER SILT FENCING AND BEFORE ROUGH GRADING.
2. INSTALL ALL TEMPORARY EROSION CONTROL FACILITIES, AS SHOWN ON THIS SHEET, BEFORE ANY SITE DEMOLITION, GRADING OR CLEARING. THESE TEMPORARY EROSION CONTROL FACILITIES SHALL BE MAINTAINED AND USED UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED.
3. DISTURBED AREAS SHALL BE PROTECTED FROM EROSION DURING CONSTRUCTION TO RETAIN SOIL ON-SITE. BLOWING DUST SHALL BE CONTROLLED BY WATERING OF EXPOSED SOILS.
4. THIS PROJECT IS SUBJECT TO A NPDES PERMIT. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE SUBMITTED, REVIEWED AND APPROVED BY COUNTY STAFF PRIOR TO BEGINNING OPERATIONS. THE SWPPP SHALL BE CONDUCTED IN ACCORDANCE WITH PHASE II OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS.
5. A STORMWATER NPDES PERMIT IS REQUIRED FOR THIS PROJECT. THE NOTICE OF INTENT SHALL BE FILED WITH THE EPA AT LEAST 10 DAYS PRIOR TO ANY SITE WORK. THE SWPPP PERMIT SHALL BE CLEARLY POSTED ON THE PROJECT SITE. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ALL BEST MANAGEMENT PRACTICES AND SWPPP REQUIRED PAPERWORK.

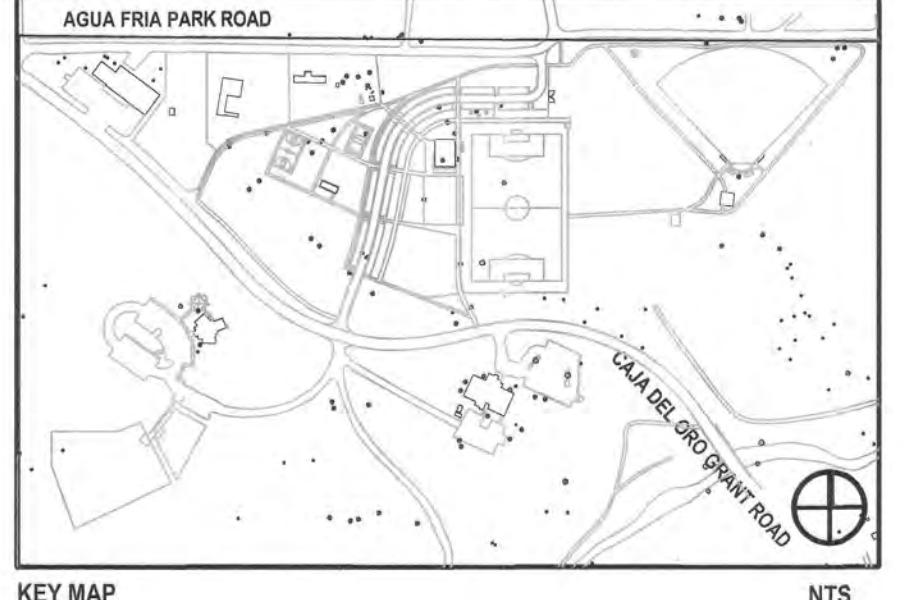
POND 1 VOLUME = 5,420 CU. FT.
POND 2 VOLUME = 3,600 CU. FT.

LEGEND

--- SILT FENCE OR 9" COMPOST SOCK MATTLE

DESIGN ENGINEUTY

1421 Luisa Street, Suite E, Santa Fe, New Mexico
(505) 984-9597



REVISED 04-08-2021
TO INDICATE ADD
ALTERNATES

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEUTY
PO Box 2759
Santa Fe, NM 87504
t 505.989.9557

HYDROSYSTEMS KDI
860 Labor Street, Suite 200
Lakewood, CO 80401-5954
t 303.980.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE Suite 24
Santa Fe, NM 87506
t 505.983.1415
www.dco-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

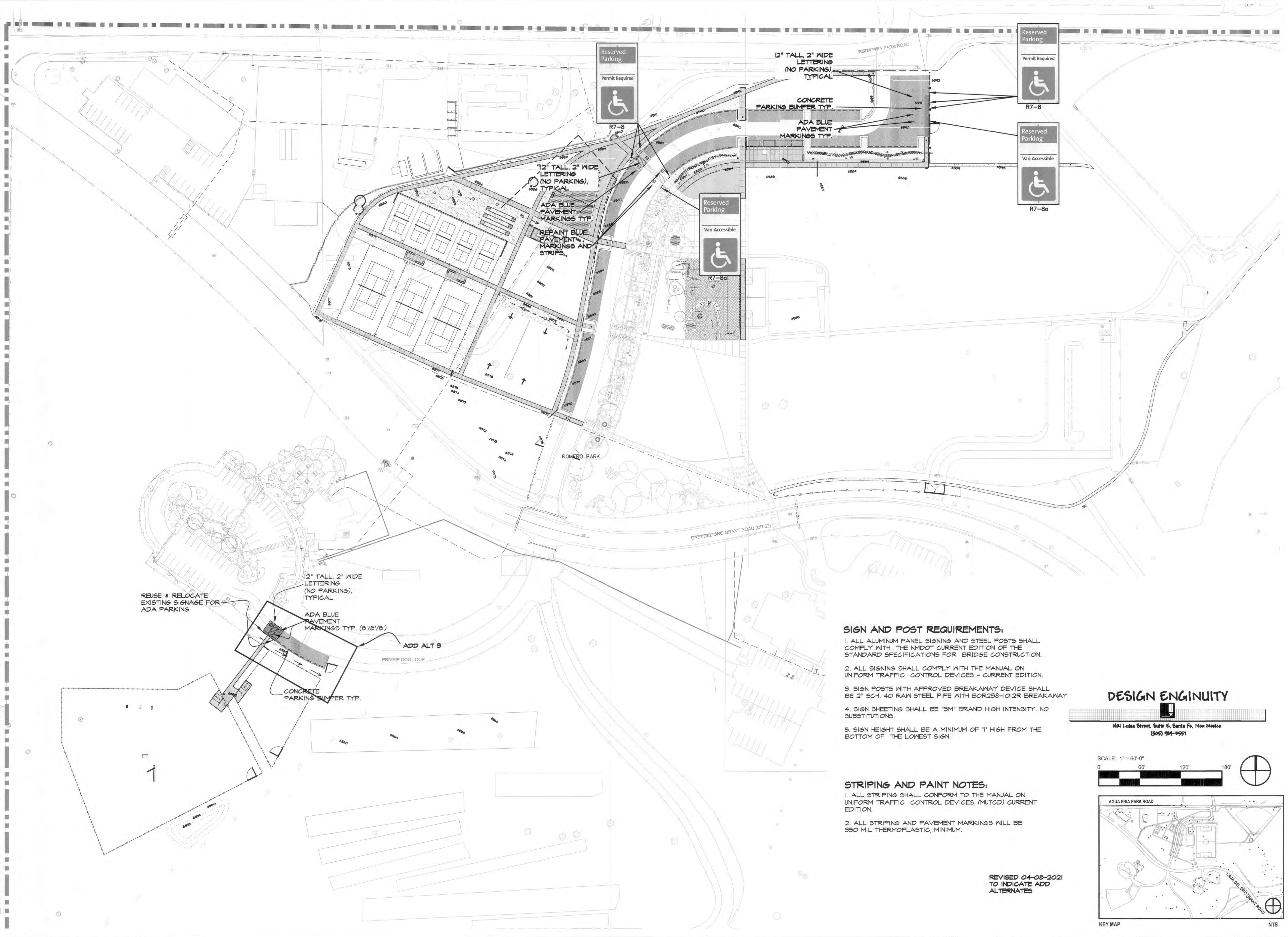
**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**

DRAWN BY DATE 04/16/21

SHEET TITLE
STORMWATER
POLLUTION
PREVENTION PLAN

SHEET NUMBER

C2-05

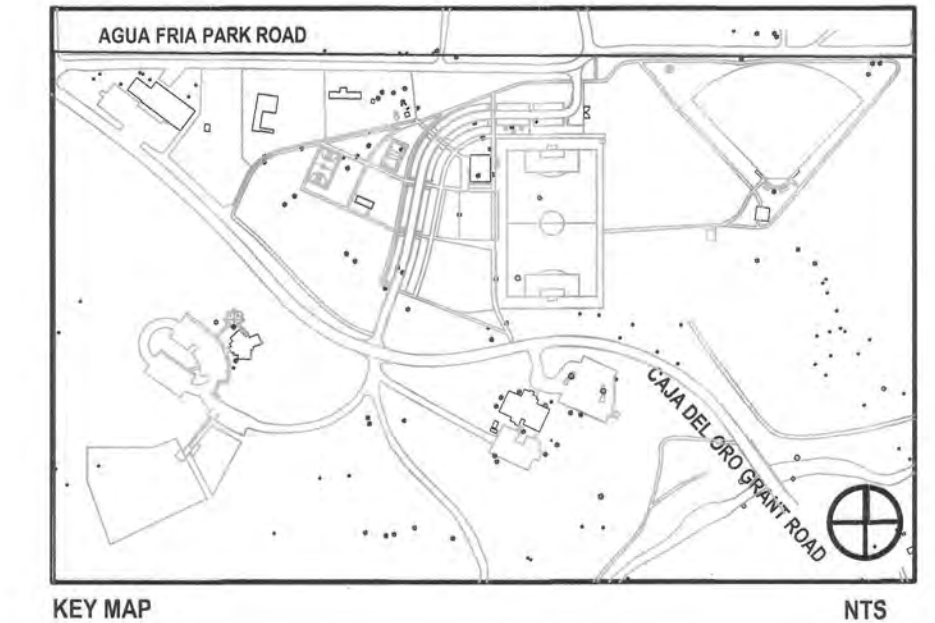
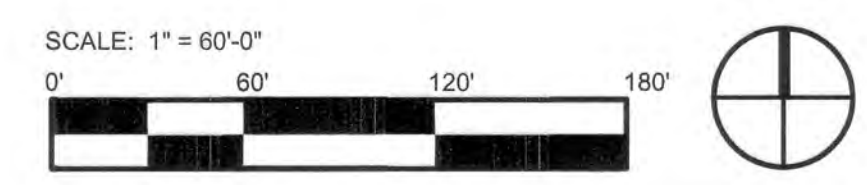


- SIGN AND POST REQUIREMENTS:**
1. ALL ALUMINUM PANEL SIGNING AND STEEL POSTS SHALL COMPLY WITH THE NMDOT CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR BRIDGE CONSTRUCTION.
 2. ALL SIGNING SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES - CURRENT EDITION.
 3. SIGN POSTS WITH APPROVED BREAKAWAY DEVICE SHALL BE 2" SCH. 40 RAW STEEL PIPE WITH BOR238-1012R BREAKAWAY
 4. SIGN SHEETING SHALL BE "3M" BRAND HIGH INTENSITY. NO SUBSTITUTIONS.
 5. SIGN HEIGHT SHALL BE A MINIMUM OF 7' HIGH FROM THE BOTTOM OF THE LOWEST SIGN.

- STRIPING AND PAINT NOTES:**
1. ALL STRIPING SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) CURRENT EDITION.
 2. ALL STRIPING AND PAVEMENT MARKINGS WILL BE 350 MIL THERMOPLASTIC, MINIMUM.

REVISED 04-08-2021
TO INDICATE ADD
ALTERNATES

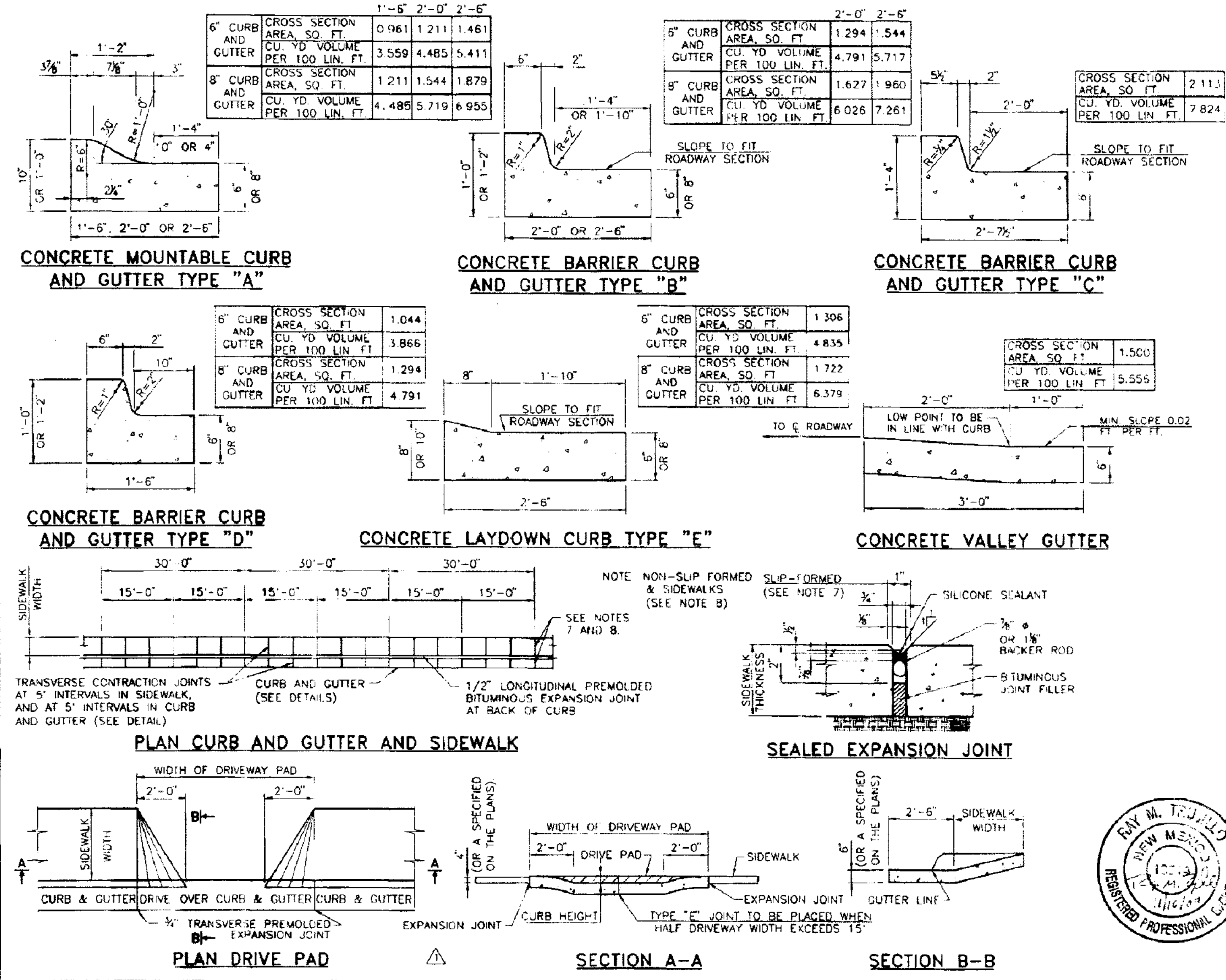
DESIGN ENGINEUTY
1451 Luisa Street, Suite E, Santa Fe, New Mexico
(505) 994-9997



REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEUTY PO Box 2758 Santa Fe, NM 87504 1.505.989.3557		HYDROSYSTEMS KDI 880 Tabor Street, Suite 200 Lakewood, CO 80401-5654 1.303.980.5327 www.hydrosystemsdi.com
design office <small>landscape planning urbanism</small>		
DESIGN OFFICE Suite 24 1200 Santa Fe, NM 87505 1.505.983.1415 www.do-designoffice.com		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY	DATE	04/16/21
SIGNAGE AND STRIPING PLAN		
SHEET NUMBER		
C2-06		

ENGINEER'S CONSTRUCTION NOTES		REVISIONS	
GENERAL		ISSUED	DATE
<p>1. IN GENERAL, ALL CONSTRUCTION, RE-CONSTRUCTION AND REPAIR WORK PERFORMED ON CIVIL INFRASTRUCTURE SUCH AS ROADS, WATER, IRRIGATION WATER, WASTEWATER, GRADING, DRAINAGE AND EROSION MANAGEMENT SHALL COMPLY WITH THE PROJECT'S SET OF APPROVED CONSTRUCTION DRAWINGS (ACD), IN ADDITION THE FOLLOWING SHALL APPLY: NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION (NMDOT) STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2018 EDITION; THE SANTA FE COUNTY WATER UTILITIES (SFCU) CONSTRUCTION NOTES AND STANDARD DRAWINGS ON WATER AND WASTEWATER, THE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS FOR WATER SYSTEMS, AND THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION, INCLUDING ALL AMENDMENTS.</p> <p>2. IN THE EVENT OF CONFLICTING REQUIREMENTS ARISING AMONG THESE DOCUMENTS, THE DESIGN ENGINEER'S PROJECT ENGINEER (DEPE) SHALL DETERMINE THE MOST RESTRICTIVE REQUIREMENT TO BE FOLLOWED.</p> <p>3. THE OWNER'S PROJECT REPRESENTATIVE (OPR) SHALL BE AN INDIVIDUAL WITH A COMBINATION OF FORMAL TRAINING AND DEMONSTRATED FIELD EXPERIENCE IN MANAGING AND ADMINISTERING THE EXECUTION OF CONSTRUCTION PROJECTS THAT INCLUDE THE INSTALLATION OF PUBLIC INFRASTRUCTURE, IN COMPLIANCE WITH APPROVED DRAWINGS AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.</p> <p>4. THE OPR SHALL BE PRESENT ON THE CONSTRUCTION AS OFTEN AS NECESSARY TO ASSURE CONTRACTOR REASONABLY MEETS ALL ACD REQUIREMENTS, WHILE MEETING THE COST AND TIME REQUIREMENTS OF THE CONTRACT. THE OPR AND THE EOR SHALL WORK TOGETHER TO REPRESENT THE OWNER'S BEST INTEREST.</p> <p>5. THE OPR SHALL BE THE PRIMARY POINT OF CONTACT OR LIAISON BETWEEN THE CONTRACTOR AND THE OWNER.</p> <p>6. NEITHER CONSTRUCTION ACTIVITIES, NOR EQUIPMENT MOBILIZATION SHALL BEGIN ON THE SITE UNTIL A COUNTY DEVELOPMENT PERMIT HAS BEEN PROVIDED TO THE CONTRACTOR.</p> <p>7. THE CONTRACTOR SHALL PROVIDE THE NAME(S) ROLE AND CONTACT INFORMATION, INCLUDING NORMAL AND EMERGENCY PHONE NUMBERS FOR THE CONTRACTOR'S EMPLOYEE(S) RESPONSIBLE FOR THE CONSTRUCTION WORK. AT LEAST ONE EMERGENCY TELEPHONE NUMBER SHALL BE ACTIVE ON A 24-HOUR, 7-DAYS A WEEK BASIS. THIS INFORMATION SHALL BE UPDATED BY THE CONTRACTOR AS NECESSARY THROUGHOUT THE PROJECT'S EXECUTION PERIOD.</p> <p>8. CONTRACTOR REQUESTS FOR INFORMATION (RFI) SHALL BE SUBMITTED TO THE OWNER'S PROJECT REPRESENTATIVE (OPR) AND DEPE TIMELY AND IN WRITING. CONTRACTOR SHALL ALLOW 24 HOURS FOR THE OPR'S WRITTEN ACKNOWLEDGEMENT OF RECEIPT.</p> <p>9. THE DEPE SHALL MAKE EVERY EFFORT TO RESPOND TO THE CONTRACTOR'S RFI WITHIN THE INITIAL 24 HOURS. WHEN THE DEPE ANTICIPATES LONGER THAN 24 HOURS NEEDED TO PREPARE THE RFI RESPONSE, THE DEPE SHALL PROVIDE THE CONTRACTOR, AS SOON AS POSSIBLE, THE ESTIMATED TIME FOR RESPONSE.</p> <p>10. REQUESTS FOR DEVIATIONS FROM ANY PROVISIONS SPECIFIED IN THESE ACD OR THE CONTRACT DOCUMENTS MAY BE CONSIDERED ONLY WHEN THE CONTRACTOR ANTICIPATES IMPROVED OUTCOMES IN COST, TIME AND QUALITY OF THE CONSTRUCTED PROJECT, AS THE PRIMARY RESULT OF IMPLEMENTING DEVIATIONS TO THE ACD, WHILE KEEPING INTACT THE DESIGN'S INTENT.</p> <p>11. CONTRACTOR SHALL SUBMIT ALL PLAN DEVIATION REQUESTS TO THE OPR. NO DEVIATIONS TO THE ACD SHALL PROCEED UNTIL THE CHANGE HAS BEEN APPROVED IN WRITING BY THE OPR.</p> <p>12. THROUGHOUT THE PROJECT'S EXECUTION PERIOD, THE CONTRACTOR SHALL MAINTAIN AT THE PROJECT SITE A COPY OF ALL RELEVANT FIELD NOTES, AND THESE SHALL BE MADE AVAILABLE TO THE OPR AT ANY TIME DURING WORKING HOURS. THE UPDATING OF SUCH NOTES AND DRAWINGS SHALL BE DONE AS FREQUENTLY AS NECESSARY, NOT LESS THAN ONCE A WEEK.</p> <p>13. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A NEW MEXICO LICENSED PROFESSIONAL SURVEYOR (NMP/S), FOR VERIFICATION OF ALL CRITICAL HORIZONTAL AND VERTICAL CONTROL DATA, AND CERTIFICATION OF RECORD DRAWINGS.</p> <p>14. PRIOR TO THE FINAL ACCEPTANCE OF THE PROJECT, CONTRACTOR SHALL SUBMIT ALL RECORD DRAWINGS AND NOTES TO THE OPR, INCLUDING ANY REVISED CRITICAL X, Y, AND Z DATA. THE RECORD DRAWINGS SHALL BE STAMPED BY AN NMP/S AND SUBMITTED FOR REVIEW AND APPROVAL BY THE DEPE.</p> <p>15. INFORMATION SPECIFICALLY STATED IN THESE ACD, OR WHEN THE OPR SPECIFICALLY IDENTIFIES IN THE FIELD, CRITICAL DATA (X, Y, AND Z) RELATED TO WATER VALVES OF ALL KINDS, FIRE HYDRANTS, CULVERT INLET OR OUTLET INVERTS, MANHOLE RIMS, AND DRIVEWAY CLEARANCE BELOW STIEREN DECK SHALL BE COLLECTED BY THE CONTRACTOR'S SURVEYOR TO COMPLETE RECORD DRAWINGS. VOLUME OF DRAINAGE PONDS AND POND OUTLET INVERTS SHALL BE PROVIDED BY THE CONTRACTOR'S SURVEYOR.</p> <p>16. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF SURVEY MONUMENTS OR MARKS. IN THE EVENT THAT AN ACCIDENTAL DAMAGE TO THESE MARKS DURING PROJECT CONSTRUCTION, AN NMP/S RETAINED BY THE CONTRACTOR SHALL RE-ESTABLISH THE MARKS IN COMPLIANCE WITH STANDARDS AND PROCEDURES SET FORTH BY THE "GEODETIC MARK PRESERVATION GUIDEBOOK". FOR MORE INFORMATION CONTACT NGS MARK PRESERVATION CENTER, NOAA (505) 768-3606. CONTRACTOR SHALL NOT CHARGE THE OWNERS ANY ADDITIONAL COST FOR SUCH REPAIRS.</p> <p>17. CONTRACTOR SHALL CONFINE ALL CONSTRUCTION OPERATIONS TO THE DESIGNATED PROJECT BOUNDARIES SHOWN IN THESE ACD. NO PERSONNEL, MATERIALS, OR EQUIPMENT SHALL EVER ENCROACH ONTO AREAS OUTSIDE SUCH BOUNDARIES, UNLESS SPECIFICALLY AUTHORIZED BY THE OPR, AFTER PROOF OF PROPERLY ACQUIRED EASEMENTS IS SHOWN TO THE OPR BY THE CONTRACTOR.</p> <p>18. EVEN WITHIN THE PROJECT BOUNDARIES, CLEARING AND GRUBBING SHALL BE KEPT TO THE MINIMUM NECESSARY TO EXECUTE THE PROJECT, AND STABILIZATION OF DISTURBED SURFACES SHALL BEGIN AS SOON AS PRACTICAL AFTER INITIATION OF ANY CONSTRUCTION ACTIVITIES.</p> <p>19. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR EROSION CONTROL INCIDENTAL TO THE CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL SUBMIT TO THE OPR A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EVIDENCE OF A FILED NOI 10 DAYS PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.</p> <p>20. SWPPP SHALL COMPLY WITH THE PROVISIONS OF NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT REQUIREMENTS FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL BEST MANAGEMENT PRACTICES AND REQUIRED PAPERWORK. THE SWPPP AND ASSOCIATED PAPERWORK SHALL BE PROVIDED TO THE OPR FOR INSPECTION WHEN REQUESTED.</p> <p>21. AT A MINIMUM, ALL AREAS DISTURBED BY CONSTRUCTION TRAFFIC SHALL BE SPRAYED WITH WATER ON A DAILY BASIS TO CONTROL DUST GENERATION. ADDITIONAL WATER SHALL BE APPLIED ON WINDY DAYS AS NEEDED.</p> <p>22. CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ALL DISTURBED AREAS FOLLOWING RE-VEGETATION THROUGH THE FIRST GROWING SEASON AFTER COMPLETION OF THIS PROJECT. IN THE EVENT THAT THE REVEGETATION PLAN IMPLEMENTATION HAS NOT BEEN ACCOMPLISHED BEFORE SEPTEMBER 1, DUE TO CONSTRUCTION DELAYS, OR BECAUSE DISTURBED SURFACES MUST REMAIN EXPOSED AFTER THIS DATE, THE CONTRACTOR SHALL INSTALL TEMPORARY PROTECTION SUCH AS A COVER CROP OR MULCH TO PREVENT SOIL EROSION, AT NO ADDITIONAL COST TO THE OWNER.</p> <p>23. CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING STRUCTURES, INCLUDING UNDERGROUND UTILITY CONDUITS LOCATED WITHIN AND WITHOUT THE PROJECT BOUNDARIES, FREE OF DUST AND/OR CONSTRUCTION DEBRIS AT ALL TIMES DURING THE EXECUTION OF THE PROJECT. CLEANING AND FULL RESTORATION OF SUCH STRUCTURES, TO THEIR ORIGINAL CONDITION OR BETTER, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR ALONE, AND ALL RELATED COSTS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THIS PROJECT.</p> <p>24. OWNERS AND THEIR AGENTS SHALL NOT BE HELD RESPONSIBLE FOR THE COSTS OF REPAIRING ANY DAMAGE OR ALTERATIONS CAUSED DURING EXECUTION OF THIS PROJECT, TO THE ORIGINAL CONDITION OF THIRD PARTY'S PROPERTY (E.G. STRUCTURES, EXISTING UTILITIES OR UTILITY EASEMENTS) LOCATED WITHIN OR WITHOUT THE PROJECT BOUNDARIES.</p> <p>25. EXISTING ROAD AND DRIVEWAY ACCESSSES FOR ADJACENT PROPERTIES SHALL BE MAINTAINED TRAFFICABLE UNDER ALL WEATHER CONDITIONS.</p> <p>26. NO ALTERATION OR MODIFICATION SHALL BE PERMITTED ON ANY DRAINAGE WAY OR ARROYO, UNLESS IT IS SPECIFICALLY SHOWN ON THESE ACD.</p> <p>27. OPR SHALL DESIGNATE AN AREA WITHIN THE PROJECT BOUNDARIES FOR THE TEMPORARY STORAGE OF CONSTRUCTION DEBRIS AND WASTE. SUCH DEBRIS MAY INCLUDE REMOVED TREES AND BRUSH, AND ANY MATERIALS THAT MAY BE UNEARTHED, WHICH ARE DEEMED NOT SUITABLE FOR REUSE AS CONSTRUCTION MATERIALS ON THIS PROJECT.</p> <p>28. CONSTRUCTION DEBRIS AND WASTE SHALL BE PREVENTED FROM BEING SCATTERED BY WIND, SURFACE RUNOFF, OR ANIMALS (DOMESTIC OR WILD) AND BECOMING A NUISANCE TO ANYONE OUTSIDE THE PROJECT BOUNDARIES.</p> <p>29. FROM TIME TO TIME, DEBRIS AND WASTE SHALL BE TRANSPORTED OUT OF THE SITE AND DISPOSED OF PROPERLY, AT A NM STATE APPROVED LANDFILL. CONTRACTOR SHALL SUBMIT CORRESPONDING TIPPING RECEIPTS TO THE OPR TO ACCOUNT FOR PROPER WASTE DISPOSAL. THE COST OF CONSTRUCTION WASTE DISPOSAL SHALL BE INCIDENTAL TO THE COST OF PROJECT.</p> <p>30. WASTE THAT REQUIRES SPECIAL HANDLING UNCOVERED DURING CONSTRUCTION ACTIVITIES, AND NOT PREVIOUSLY IDENTIFIED, SHALL BE THE SUBJECT OF CONSIDERATION AS A CHANGE ORDER DUE TO UNKNOWN SUBSURFACE CONDITIONS.</p> <p>31. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP SPILLS ASSOCIATED WITH THE PROJECT'S CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL REPORT AND PROPERLY RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OIL, SOLVENTS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY REPRESENT A THREAT TO THE HEALTH AND WELFARE OF HIS WORKERS, THE GENERAL PUBLIC, OR THE ENVIRONMENT.</p>	<p>32. CONTRACTOR SHALL REPORT IMMEDIATELY ANY EVIDENCE OF PAST SPILLS ENCOUNTERED DURING CONSTRUCTION ACTIVITIES ON THIS PROJECT. REPORTS SHALL BE MADE TO THE OPR, AS WELL AS TO THE APPROPRIATE STATE AGENCY. CLEAN UP OF ANY UNREPORTED SPILLS THAT MAY HAVE OCCURRED DURING THE CONSTRUCTION OF THIS PROJECT, WHENEVER THEY MAY BECOME EVIDENT, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.</p> <p>33. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION OF ALL SPECIFIED MATERIALS OR EQUIPMENT, WHETHER IN STORAGE OR INSTALLED, UNTIL FINAL WRITTEN APPROVAL OF THE PROJECT BY THE OPR AND THE COUNTY.</p> <p>34. ALL MATERIAL QUALITY TESTS SHALL BE PERFORMED BY A RECOGNIZED LABORATORY. SUCH LABORATORY SHALL BE OPERATED UNDER THE AUSPICES/DIRECTION OF AN NMP/E, NAME AND CONTACT OF THE LABORATORY SHALL BE SUBMITTED BY THE CONTRACTOR TO THE OPR AS SOON AS PRACTICAL AFTER THE CONTRACTOR'S RECEIPT OF THE NOTICE TO PROCEED.</p> <p>35. IF PROVISIONS FOR A TESTING COST ALLOWANCE HAVE BEEN MADE IN THE CONSTRUCTION CONTRACT FOR TESTS SPECIFICALLY REQUIRED IN THESE ACD, OR REQUIRED BY THE OPR, CONTRACTOR SHALL SUBMIT TESTING LABORATORY INVOICES TO THE OPR FOR REIMBURSEMENT. COST OF RE-TESTING FOR BELOW-STANDARD RESULTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO PAYMENT SHALL BE MADE FOR SUCH.</p> <p>36. IF THE CONSTRUCTION CONTRACT DOES NOT HAVE A TESTING COST ALLOWANCE, THE COST OF ALL REQUIRED TESTING AND RE-TESTING, FOR EITHER MATERIALS OR INSTALLATION REQUIREMENT COMPLIANCE, SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE PROJECT AND SHALL BE BORNE BY THE CONTRACTOR.</p> <p>37. CONTRACTOR SHALL PROVIDE THE INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES IN COMPLIANCE WITH THESE ACD. TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE MOST CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), BUT MAY BE REVISED UNDER WRITTEN DIRECTION FROM THE COUNTY TRAFFIC ENGINEER.</p> <p>38. INFORMATION SHOWN FOR EXISTING UTILITIES HAS BEEN INCLUDED ON THESE ACD FOR REFERENCE PURPOSES ONLY. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ASSURING THAT EACH UTILITY COMPANY SPOT LOCATES ITS EXISTING UNDERGROUND FACILITIES. CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL AT (800)921-2537 TO COORDINATE SUCH SPOT LOCATING NO LESS THAN 48 HOURS PRIOR TO INITIATING ANY WORK.</p>	<p>67. CONTRACTOR SHALL OBTAIN ONE SET OF BACKFILL DENSITY TESTS FOR THE FOLLOWING: EVERY 100 FEET FOR EVERY LIFT OR EVERY 15 FEET WHICHEVER RESULTS IN THE GREATEST NUMBER OF TESTS; WITHIN TWO (2) HORIZONTAL FEET OF ANY FCC OR OTHER MATERIAL STRUCTURES (E.G. MANHOLES, FOUNDATIONS, TANKS); BENEATH ALL MANHOLE BASES OR CONCRETE FOUNDATIONS; FOR EVERY LIFT FOR EVERY 500 LINEAR FEET OF TRENCH BACKFILL, OR FOR EACH 500 CUBIC YARDS OF FILL OF SIMILAR MATERIAL, APPLIED OR FOR EACH DAY OF CONSTRUCTION WORK, WHICHEVER RESULTS IN THE GREATEST NUMBER OF TESTS; TEST RESULTS SHALL BE SUBMITTED BY THE LABORATORY DIRECTLY TO THE OPR. FIELD TEST REPORTS SHALL BE SUBMITTED TO THE OPR, AT THE TIME OF FIELD TESTING.</p> <p>68. SUBGRADE, BASE MATERIAL, ASPHALT-TREATED BASE, AND ASPHALT SURFACE COURSE (MARSHALL) SHALL BE TESTED FOR COMPACTION EVERY 100 LINEAR FEET OF ROADWAY. IN ADDITION, ONE ASPHALT SAMPLE SHALL BE TAKEN FOR EVERY 500 TONS INSTALLED, OR ONCE A DAY, IF LESS THAN 500 TONS ARE INSTALLED. SAMPLES SHALL BE TESTED AND THE RESULTS SENT BY THE LAB DIRECTLY TO THE OPR.</p> <p>69. BASECOURSE SHALL BE COMPACTED TO MINIMUM 95% OF THE MAXIMUM DENSITY PER AASHTO T-190 MODIFIED MOISTURE DENSITY TEST. SUBGRADE BENEATH ASPHALT, CONCRETE, CURBS AND GUTTERS, SIDEWALKS, PATHS AND DRAINAGE FACILITIES SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AND WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED IN ACCORDANCE WITH ASTM D-1557.</p> <p>70. ALL MATERIAL QUALITY (PCC, BASECOURSE, ASPHALT, ETC.) TEST RESULTS SHALL BE SUBMITTED BY THE LABORATORY DIRECTLY TO THE OPR. RESULTS SHALL BE SUBMITTED WITHIN SEVEN (7) DAYS AFTER MATERIAL QUALITY TESTING IS COMPLETE, UNLESS OTHERWISE DIRECTED DURING PRE-CONSTRUCTION MEETING.</p> <p>71. FILL MATERIAL SHALL MEET NM DOT SPECIFICATIONS FOR DIVISION 200.</p> <p>72. BASECOURSE SHALL MEET GRADATION REQUIREMENTS SPECIFIED IN TABLE 304 AND ASPHALT AGGREGATE SHALL MEET GRADATION REQUIREMENTS SPECIFIED IN TABLE 423 5F-V, NMDOT'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.</p> <p>73. ALL PORTLAND CEMENT CONCRETE (PCC) SPECIFIED IN THESE ACD SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI AT 7 DAYS, AND 3,000 PSI AT 28 DAYS. IN ADDITION, CONCRETE SHALL HAVE 7-BAGS OF PORTLAND CEMENT PER CUBIC YARD OF CONCRETE (7-BAG MIX), PLUS MAXIMUM 3/4-INCH AGGREGATE SIZE, WITH AIR ENTRAINMENT BETWEEN 4% AND 7% AT DELIVERY TIME. ONE SAMPLE SET SHALL BE CONDUCTED FOR EACH 500 LINEAR FEET (E.G. CURB AND GUTTER), 50 CUBIC YARDS CAST, OR ONE SET PER DAY OF CASTING, WHICHEVER IS MOST RESTRICTIVE IN THE OPINION OF THE OPR. PCC CYLINDERS SHALL BE TESTED AT 7, 28 AND 56-DAY INTERVALS. THE LATTER INTERVAL MAY BE FORFORE IF SPECIFIED STRENGTH HAS BEEN REACHED AS DEMONSTRATED BY AN EARLIER TEST. ALL TEST RESULTS SHALL BE SUBMITTED BY THE TESTING LABORATORY DIRECTLY TO THE OPR.</p> <p>74. CONTRACTOR SHALL SUBMIT TO THE OPR ASTM OR AASHTO CERTIFICATES OF MATERIALS' COMPLIANCE, NO LESS THAN 5 DAYS PRIOR TO INITIATING ANY WORK INVOLVING SUCH MATERIALS.</p> <p>75. CONTRACTOR SHALL OBTAIN A CURB CUT PERMIT FOR EACH SPECIFIC LOCATION SHOWN, FROM THE COUNTY TRAFFIC ENGINEER. PERMITS ARE REQUIRED FOR ALL CURB CUTS IN COUNTY RIGHTS OF WAY AND ROAD EASEMENTS, DRIVEWAYS NOT SHOWN ON THESE ACD SHALL NOT BE ALLOWED, PRIOR TO SPECIFIC PERMITS BEING GRANTED BY THE COUNTY.</p> <p>76. ACTUAL TOP OF SURFACE AT CURB AND GUTTER SHALL NOT DEVIATE FROM SPECIFIED ANY MORE THAN 1/8-INCH IN 10 FEET. INSIDE FACE OF CURB SHALL NOT DEVIATE MORE THAN 1/4-INCH IN 10 FEET FROM A STRAIGHT LINE.</p> <p>77. OPR SHALL VERIFY THAT ALL PAVEMENT, BASECOURSE PARKING AREAS, SIDEWALK, AND CURB AND GUTTER SHOWS POSITIVE WATER FLOW PRIOR TO FINAL ACCEPTANCE. ANY AREAS THAT FAIL SUCH A TEST SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.</p> <p>78. BORROW MATERIAL, CONSTRUCTION WASTE, VEGETATIVE DEBRIS, ETC. SHALL NOT BE PLACED IN WETLAND AREAS, OR ANY AREAS WHERE THEY MAY AFFECT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES IN ANY WAY.</p> <p>79. ALL WORK PERFORMED IN THE VICINITY OF EXISTING STREAMS, WATER INFOUNDMENTS, WETLANDS, DRINKING OR IRRIGATION WATER SOURCES SHALL BE PERFORMED IN SUCH MANNER AS TO MINIMIZE VEGETATION DAMAGE OR REMOVAL, AS WELL AS SOIL EROSION.</p> <p>80. CONSTRUCTION EQUIPMENT'S CROSSINGS OF EXISTING STREAMS, WHETHER THE STREAMS ARE EPHEMERAL OR PERENNIAL, SHALL BE MINIMIZED. REFUELING OPERATIONS AND CONCRETE DUMPING IN THE VICINITY OF ANY BODY OF WATER SHALL BE STRICTLY PROHIBITED.</p> <p>81. ALL AREAS DISTURBED BY THE CONSTRUCTION ACTIVITIES OF THIS PROJECT, INCLUDING ANY TEMPORARY ACCESS ROADS, SHALL BE RESTORED IN ACCORDANCE WITH THE LANDSCAPING PLANS.</p> <p>82. SLOPES SPECIFIED IN THESE ACD ARE EXPRESSED IN TERMS OF THE HORIZONTAL RUN VERSUS THE VERTICAL RISE OF THE GROUND'S SURFACE (H:V).</p> <p>83. SLOPES EXCEEDING 3:1 SHALL BE HYDROSEEDED AND COVERED WITH NORTH AMERICAN GREEN C125 EROSION CONTROL BLANKET MADE OF COCONUT FIBER WITH A FUNCTION LONGEVITY OF 36 MONTHS, OR OPR APPROVED EQUAL.</p> <p>84. ALL TOP SOIL WHICH MUST BE REMOVED OR DISTURBED DURING CONSTRUCTION SHALL BE SAVED AND STOCKPILED AT A LOCATION DESIGNATED BY THE OPR.</p> <p>85. RESEEDING AND STABILIZATION OF DISTURBED AREAS SHALL BE DONE IN ACCORDANCE WITH THE LANDSCAPING PLANS.</p> <p>86. CONCRETE PARKING BUMPERS WILL BE PRECAST STEEL REINFORCED CONCRETE WITH A COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS AND AIR ENTRAINMENT TO 5 TO 7%. UNITS TO BE 8-INCHES HIGH, 8-INCHES WIDE AND 6-FEET LONG AND OF UNIFORM SHAPE, SIZE AND FINISH WITH MANUFACTURER'S STANDARD CROSS SECTION WITH SLOPED VERTICAL FACES, SQUARE ENDS AND DRILLED OR SLEEVED FOR TWO DOWELS. FASTEN EACH UNIT IN PLACE PER ACD WITH TWO 24-INCH UNFINISHED STEEL DOWELS, 1/2-INCH DIAMETER, POINTED TIP CONFORMING TO ASTM A615. SEAL ANNULAR SPACE AROUND HOLE WITH GROUT OR SEALANT.</p>	<p>DESIGN ENGINEER PO Box 27189 Santa Fe, NM 87504 1.505.969.9557</p> <p>HYDROSYSTEMS NDI 860 Labor Street, Suite 200 Lakewood, CO 80401-5954 1.303.960.3327 www.hydrostemskdi.com</p>
		<p>design office landscape planning urbanism</p> <p>DESIGN OFFICE 1300 Luisa Street, Suite 24 Santa Fe, NM 87505 1.505.983.1415 www.dco-designoffice.com</p>	
		<p>ROMERO PARK - SITE IMPROVEMENTS</p> <p>SANTA FE COUNTY</p> <p>SANTA CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507</p>	
		<p>DRAWN BY _____ DATE 04/16/21</p> <p>SHEET TITLE CONSTRUCTION NOTES</p> <p>SHEET NUMBER C2-07</p> <p>DESIGN ENGINEER 1461 Luisa Street, Suite E, Santa Fe, New Mexico (505) 991-9997</p>	

REVISIONS		
ISSUED	DATE	DESCRIPTION



GENERAL NOTES

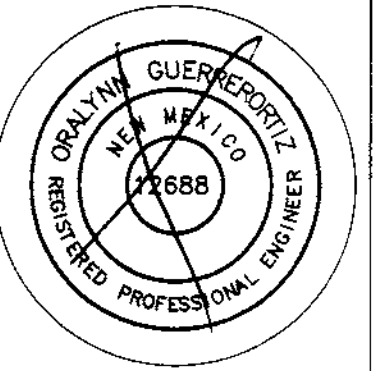
- CONCRETE SHALL BE STRUCTURAL CONCRETE CLASS "A".
- END OF DAYS POUR, 30 MINUTE INTERRUPTIONS, COLD JOINTS, AND DROP INLETS SHALL DETERMINE THE LOCATION OF A CONSTRUCTION JOINT AND A 3/4" PREMOLDED BITUMINOUS JOINT IS REQUIRED.
- PLACE TRANSVERSE CONTRACTION JOINTS AT 5'-0" INTERVALS AND AT THE END OF RADIUS POINTS OR ISLAND NOSES.
- BED COURSE MATERIAL ON WHICH SIDEWALK IS TO BE PLACED SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T 99, METHOD C.
- EXCAVATION AND PREMOLDED BITUMINOUS EXPANSION JOINTS TO BE INCLUDED IN THE UNIT PRICE BID FOR SIDEWALKS.
- THE SILICONE SEALED JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 452 OF THE STANDARD SPECIFICATIONS.
- FOR SLIP-FORMED CURB AND GUTTER, FURNISH 1" SEALED EXPANSION JOINTS AT 90' INTERVALS, AND TRANSVERSE CONTRACTION JOINTS AT 5' INTERVALS.
- FOR SIDEWALKS AND NON-SLIP FORMED CURB AND GUTTER, FURNISH 3/4" SEALED EXPANSION JOINTS AT 30' INTERVALS, AND TRANSVERSE CONTRACTION JOINTS AT 5' INTERVALS.

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
1.505.989.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY
2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

NO.	DATE	REV. BY	DESCRIPTION
1	3/3/09	YML	ADDED DETAILS

REVISIONS (OR CHANGE NOTICES)

**NEW MEXICO
DEPARTMENT OF TRANSPORTATION
STANDARD DRAWING**

**SIDEWALK
CURB AND GUTTER**

DESIGNED BY: _____ DRAWN BY: SKL CHECKED BY: YML
609-01-1/1 1 of 1



DESIGN ENGINEER

1401 Latta Street, Suite C, Santa Fe, New Mexico
(505) 991-9571

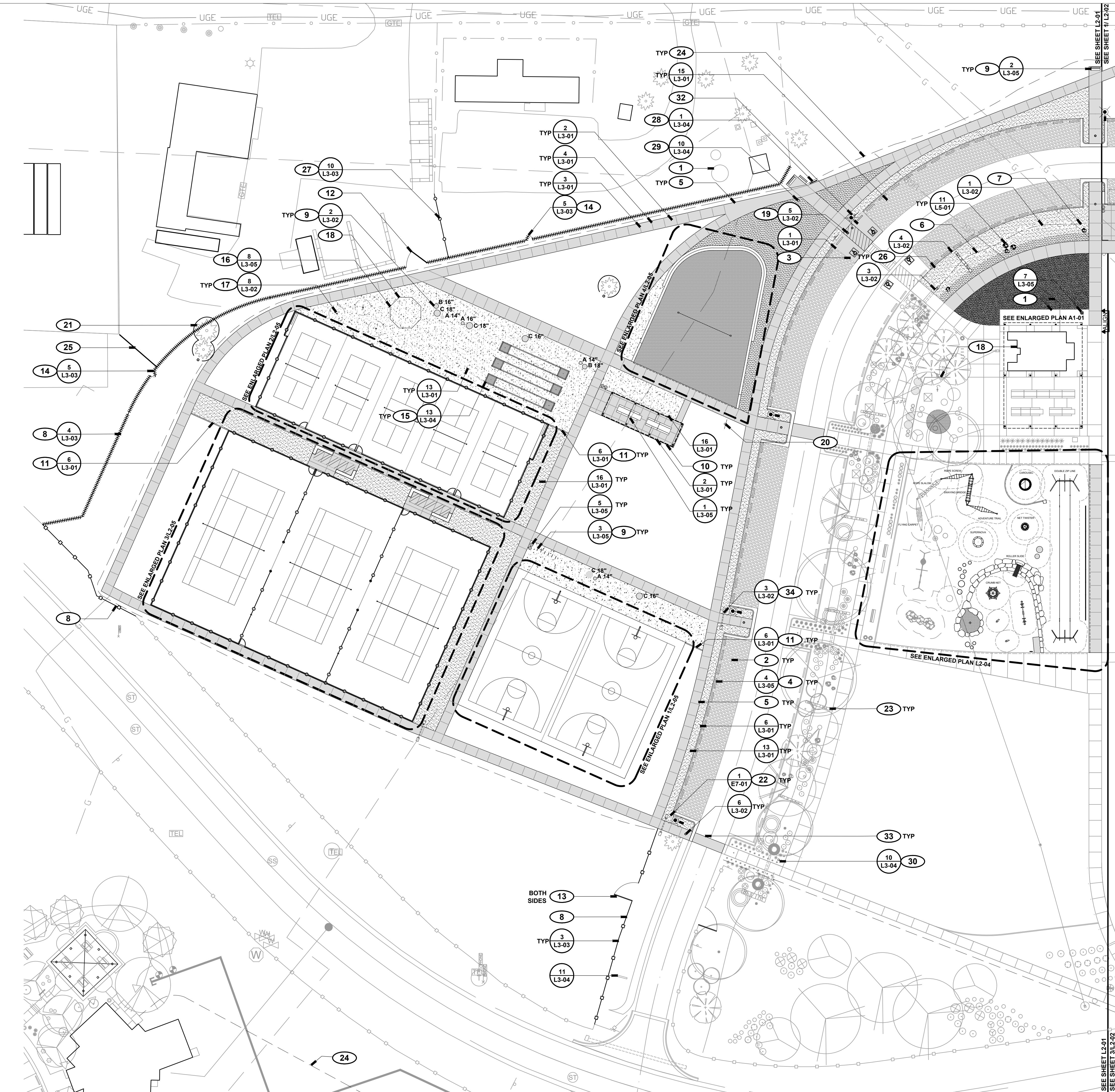
DRAWN BY DATE 04/16/21

SHEET TITLE

TYPE B CURB DETAIL

SHEET NUMBER

C2-08



LAYOUT + MATERIALS LEGEND

	PROPERTY BOUNDARY		SIGN
	MATCH LINE		DOG WASTE STATION
	CURB		YARD HYDRANT AND BASIN
	EXPANSION JOINT		TRASH RECEPTACLE
	CONTROL JOINT		BENCH
	POST AND CABLE FENCE		PICNIC TABLE
	METAL FENCE		BIKE RACK
	CHAIN LINK FENCE		PARKING BUMPER
	WOOD FENCE		BOULDER
	COYOTE FENCE		CONCRETE PAVING
	FIVE STRAND BARBLESS		CONCRETE PAVING, EXPOSED AGGREGATE
	NATURAL SURFACE PATH		ASPHALT PAVING
	LIGHT POLE		CRUSHER FINES PAVING
	WATER LINE (EXISTING)		BASE COURSE
	ELECTRIC LINE (EXISTING)		COBBLE
	GAS LINE (EXISTING)		GRAVEL A
	POST AND CABLE (EXISTING)		GRAVEL B
	CHAIN LINK FENCE (EXISTING)		SAND
	TREE (EXISTING)		

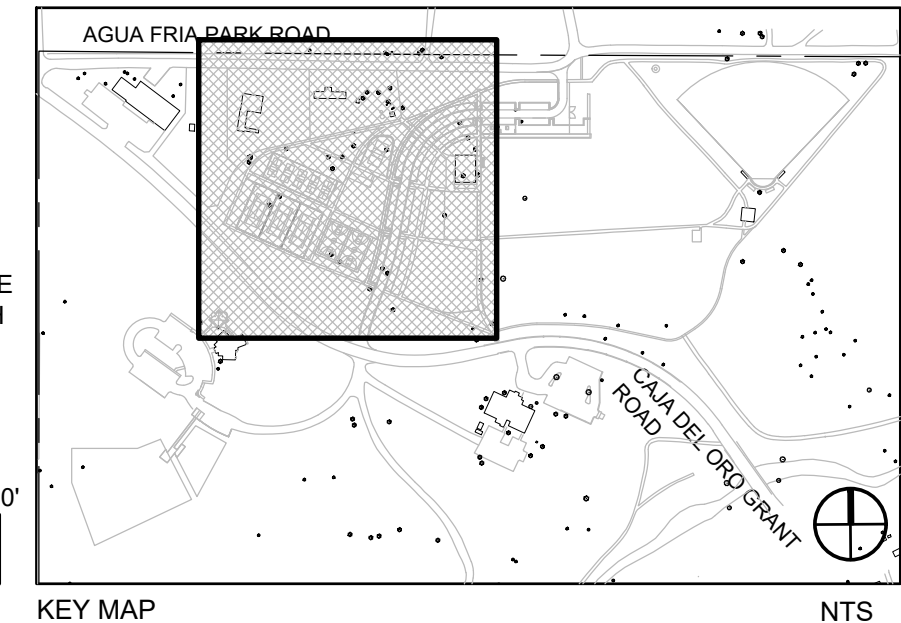
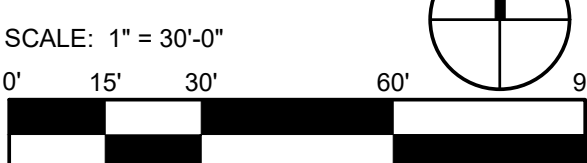
LAYOUT + MATERIALS KEYED NOTES

- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2 NEW PARKING AREA OFF OF EXISTING PARK ACCESS ROAD; SEE CIVIL PLANS.
- 3 SEE CIVIL ENGINEERING PLANS FOR ACCESSIBLE PARKING STRIPING AND SIGNAGE LOCATIONS.
- 4 INSTALL PARKING BUMPERS; EQUALLY SPACE BUMPERS IN AREAS SHOWN, TYP.
- 5 INSTALL NEW CONCRETE PATH, SEE DIMENSION PLANS; CONFIRM ALIGNMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION; ALL CURVES TO BE SMOOTH, GRADUAL, AND FREE OF KINKS.
- 6 DRAINAGE SWALE; CONFIRM FINAL ALIGNMENT OF SWALE CENTERLINE AND LOCATION OF CHECK DAMS IN FIELD WITH LANDSCAPE ARCHITECT.
- 7 DRAINAGE SWALE CULVERT; TYP; SEE CIVIL GRADING AND DRAINAGE PLANS FOR DETAILS.
- 8 INSTALL SALVAGED FENCE; SUPPLEMENT WITH NEW MATERIAL TO COMPLETE LENGTH; CONFIRM FINAL LOCATION AND EXTENTS IN FIELD WITH LANDSCAPE ARCHITECT.
- 9 INSTALL SITE FURNISHING; CONFIRM FINAL LOCATION OF ELEMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION; 2 BIKE LOOPS TO BE OWNER SUPPLIED.
- 10 INSTALL PICNIC SHELTER WITH PICNIC TABLES, SEE SHEET A2-01 FOR LAYOUT AND DETAILS.
- 11 CONCRETE HEADER CURB; SET TOP OF CURB FLUSH WITH ADJOINING PAVEMENT, TYP.; ADJUST CURB ELEVATION AT CENTER AS DIRECTED FOR POSITIVE DRAINAGE, SEE GRADING PLANS.
- 12 INSTALL SALVAGED COYOTE FENCE VEHICULAR GATE; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 13 INSTALL NEW 12FT WIDE SINGLE LEAF STEEL GATE; ALIGN GATE WITH FENCE POSTS; EXTEND POST AND CABLE FENCE TO CLOSE GAP TO GATE POST; CONFIRM FINAL LOCATION IN FIELD.
- 14 INSTALL PEDESTRIAN GATE; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 15 INSTALL HORSESHOE PITS FLUSH WITH FINISH GRADE; SEE DIMENSION PLAN L2-06 FOR LAYOUT; CONFIRM LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 16 INSTALL GAGABALL COURT; CONFIRM LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 17 INSTALL TETHERBALL POLE; CONFIRM LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 18 NEW 12"x18" SIGN PANEL, SEE DETAIL 7/L3-04; SURFACE OR FENCE MOUNTED; CONFIRM LOCATION IN FIELD.
- 19 INSTALL SALVAGED REMOVABLE BOLLARDS IN THIS LOCATION; POWDERCOAT COLOR: RAL 8014.
- 20 INSTALL SANTA FE COUNTY PARK RULES AND REGULATIONS SIGN AS PER DETAIL 7/L3-04; SEE DETAIL 12/L3-04 FOR POST DETAIL, TYP.; CONFIRM FINAL LOCATION AND ORIENTATION IN FIELD.
- 21 PRESERVE AND PROTECT EXISTING TREE TO REMAIN.
- 22 LIGHT POLE BASE; INTEGRAL COLOR CONCRETE TO MATCH CONCRETE SIDEWALK; SEE ELECTRICAL PLANS FOR ELECTRIC CONDUIT LAYOUT, FIXTURE INFORMATION, AND DETAILS; FIELD LOCATE POLE FOOTINGS, COORDINATE WITH DRAINAGE AND OTHER SITE IMPROVEMENTS.
- 23 EXISTING STONE CHECK DAM; GROUT UNDERSIDE OF TOP STONE LAYER TO BASE SO STONES ARE SECURELY FASTENED, REPAIR, REPLACE, AND RESET STONES AS NECESSARY.
- 24 NEW 12"-18" NATURAL SURFACE PATH, NIC.
- 25 INSTALL STEEL FENCE WITH SALVAGED MATERIAL TO CLOSE GAP; MATCH EXISTING CONSTRUCTION; CONFIRM ALIGNMENT IN FIELD.
- 26 NEW ELECTRIC VEHICLE CHARGING STATION, NIC (FUTURE).
- 27 INSTALL CHAIN LINK FENCE WITH SALVAGED COMPONENTS (AS POSSIBLE) TO CLOSE GAP; MATCH HEIGHT OF EXISTING ADJACENT FENCE; CONFIRM LAYOUT IN FIELD.
- 28 INSTALL NEW TRAIL MAP SIGN; CONFIRM FINAL LOCATION IN FIELD.
- 29 INSTALL SALVAGED TRAIL MARKER; CONFIRM FINAL LOCATION IN FIELD.
- 30 INSTALL NEW TRAIL MARKER SIGN; CONFIRM FINAL LOCATION IN FIELD.
- 31 SEE ELECTRICAL PLANS FOR CONDUIT ROUTING, ELECTRICAL UPGRADES, AND OTHER SITE ELECTRICAL IMPROVEMENTS, TYP.
- 32 INSTALL LIGHT POST FOOTING, LIGHT POLE, AND FIXTURE; CENTER LIGHT POST FOOTING BETWEEN EDGE OF PARKING AND PATH, SET 2FT BACK FROM ACCESS AISLE.
- 33 CONCRETE CROSSING, INTEGRAL COLOR CONCRETE; SEE CIVIL PLANS.
- 34 SEE CIVIL PLANS FOR CULVERT PIPE LOCATIONS.

STOCK TANK BENCH SCHEDULE

TANK	SIZE	QTY
A	2' DIA x 2' H	4
B	3' DIA x 2' H	2
C	4' DIA x 2' H	5

NOTE: SEE PLAN FOR SEAT HEIGHT ABOVE FINISH GRADE. CONCRETE COLOR: MATCH FLATWORK. CONCRETE FINISH: LIGHT BROOM FINISH



REVISIONS

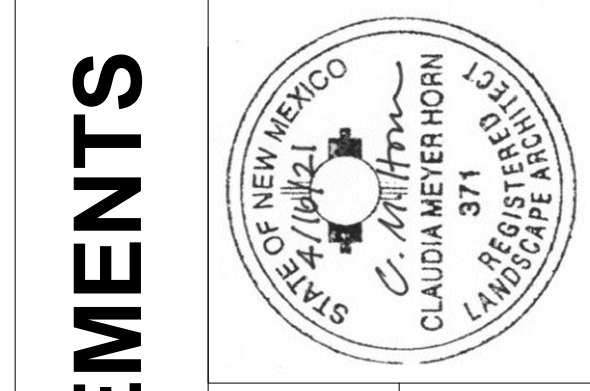
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEERY
PO Box 2768
Santa Fe, NM 87504
t. 505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9954
t. 303.960.5327
www.hydrosyskdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD

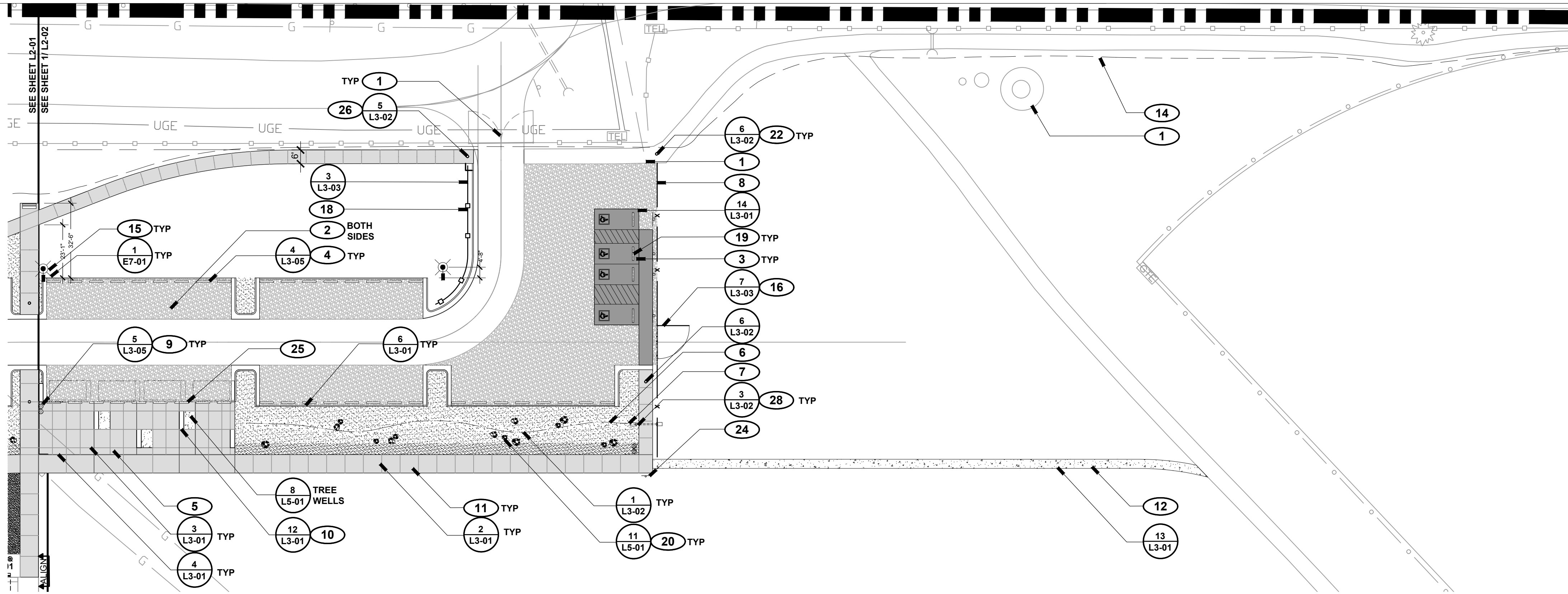
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021

SHEET TITLE
LAYOUT+ MATERIALS PLAN - WEST

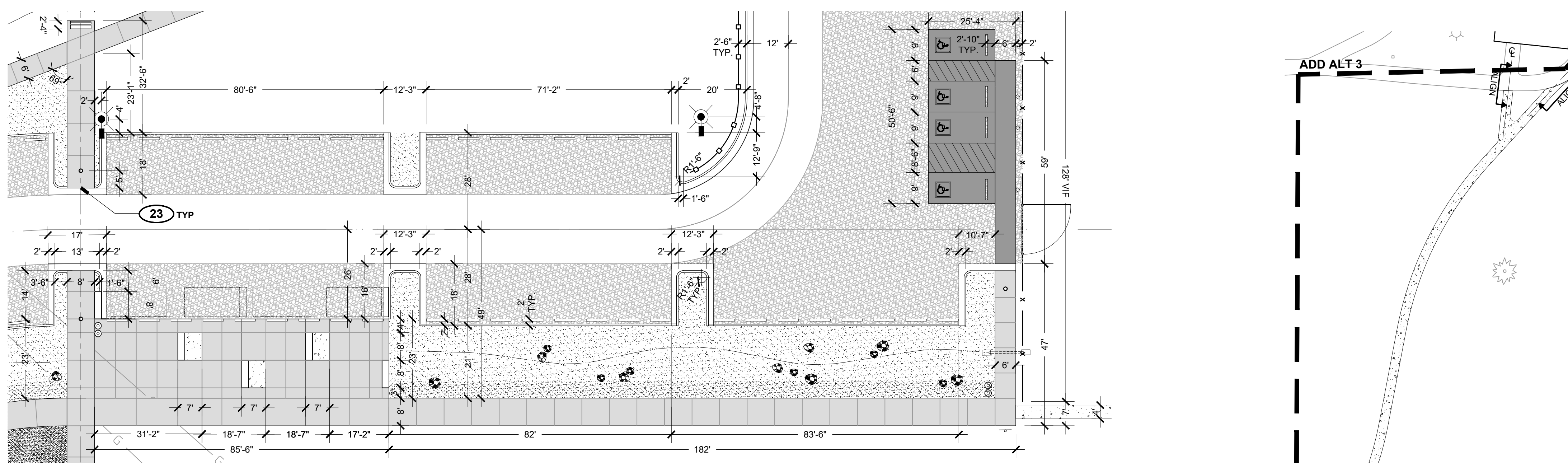
SHEET NUMBER

L2-01



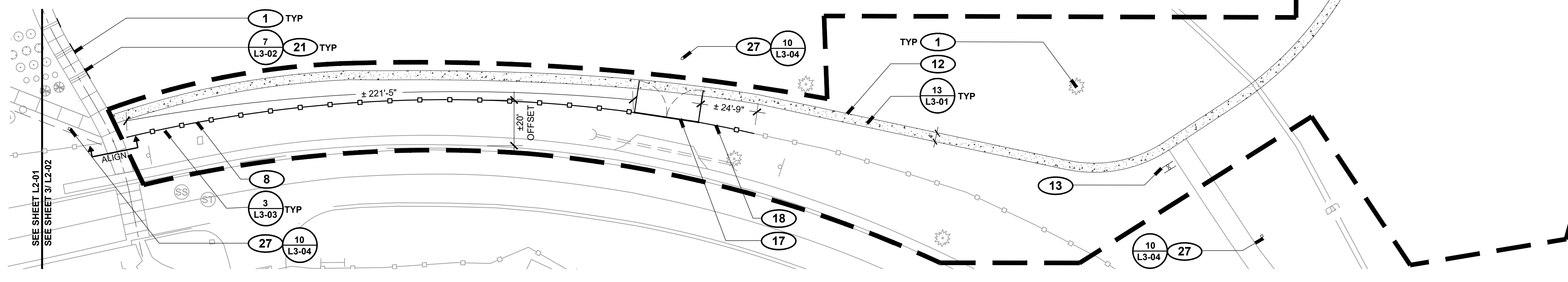
1 NORTH PARKING AREA

L2 02 SCALE: 1" = 30'-0"



2 NORTH PARKING AREA - DIMENSION PLAN

L2 02 SCALE: 1" = 20'-0"



3 PERIMETER TRAIL

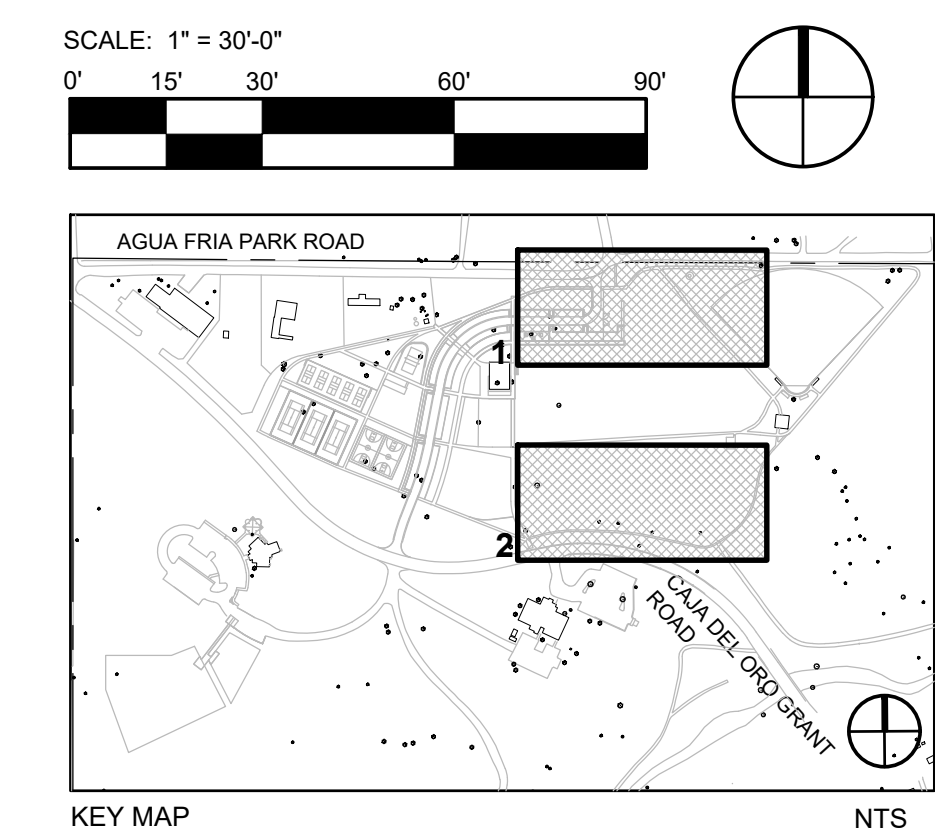
L2 02 SCALE: 1" = 30'-0"

LAYOUT + MATERIALS LEGEND

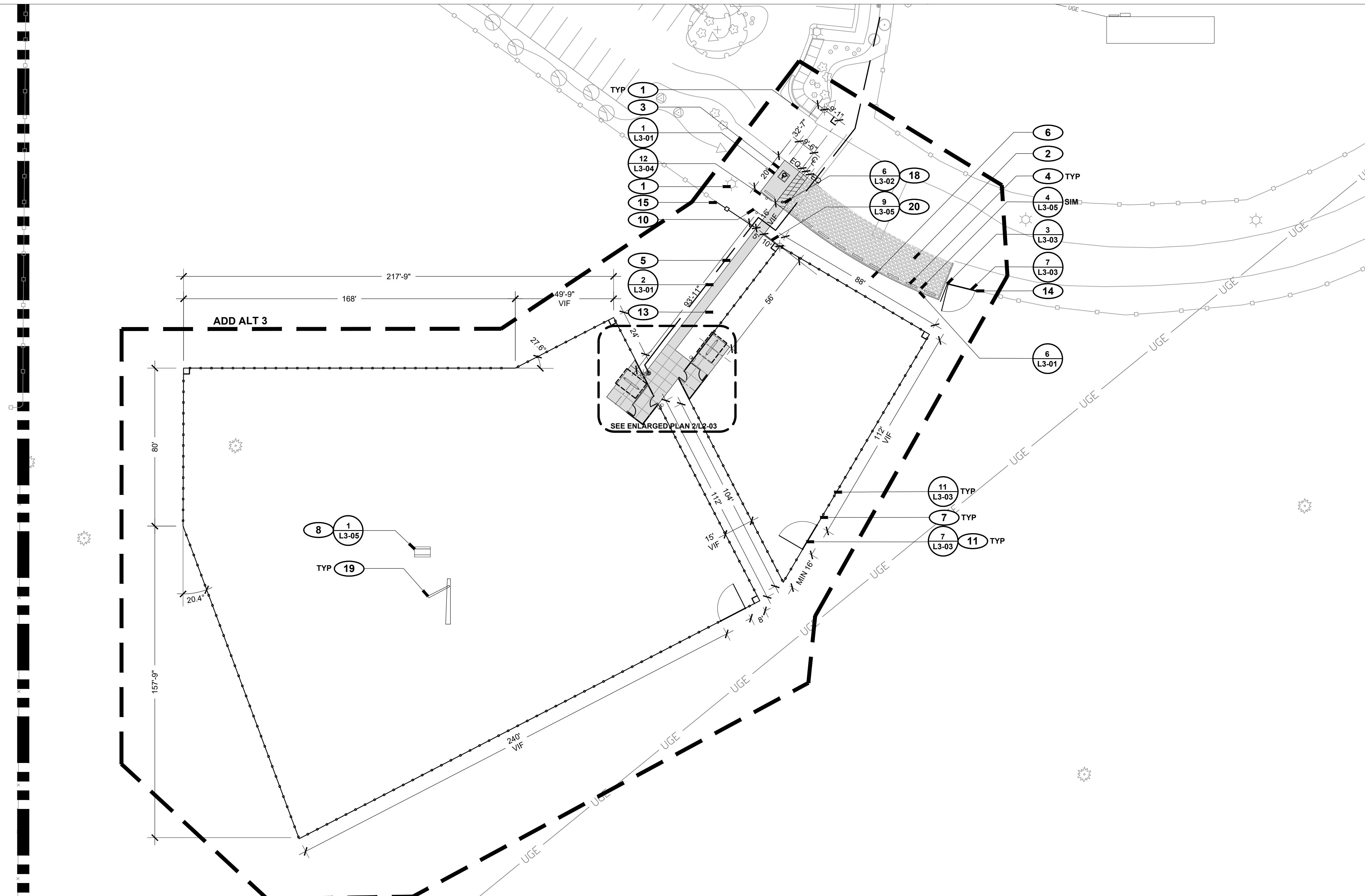
PROPERTY BOUNDARY	BOLLARD
MATCH LINE	SIGN
CURB	DOG WASTE STATION
EXPANSION JOINT	YARD HYDRANT AND BASIN
CONTROL JOINT	TRASH RECEPTACLE
POST AND CABLE FENCE	BENCH
METAL FENCE	PICNIC TABLE
CHAIN LINK FENCE	BIKE RACK
WOOD FENCE	PARKING BUMPER
COYOTE FENCE	BOULDER
FIVE STRAND BARBLESS	CONCRETE PAVING
NATURAL SURFACE PATH	CONCRETE PAVING, EXPOSED AGGREGATE
LIGHT POLE	ASPHALT PAVING
WATER LINE (EXISTING)	CRUSHER FINES PAVING
ELECTRIC LINE (EXISTING)	BASE COURSE
GAS LINE (EXISTING)	COBBLE
POST AND CABLE (EXISTING)	GRAVEL A
CHAIN LINK FENCE (EXISTING)	GRAVEL B
TREE (EXISTING)	SAND

LAYOUT + MATERIALS KEYED NOTES

- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2 NEW PARKING AREA OFF OF EXISTING PARK ACCESS ROAD; SEE CIVIL PLANS FOR LAYOUT, GRADING, AND DETAILS, TYP.
- 3 SEE CIVIL ENGINEERING PLANS FOR ACCESSIBLE PARKING STRIPING AND SIGNAGE LOCATIONS; INSTALL ADA PARKING SIGN AND SIGN POSTS AS DIRECTED; USE SALVAGED MATERIAL IN GOOD CONDITION WHEN POSSIBLE; CONFIRM WITH LANDSCAPE ARCHITECT.
- 4 INSTALL PARKING BUMPERS; EQUALLY SPACE BUMPERS IN AREAS SHOWN, TYP.
- 5 INSTALL NEW CONCRETE PAVING; CONFIRM LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- 6 DRAINAGE SWALE; CONFIRM FINAL ALIGNMENT OF SWALE CENTERLINE IN FIELD WITH LANDSCAPE ARCHITECT.
- 7 DRAINAGE SWALE CULVERT; TYP; SEE CIVIL GRADING AND DRAINAGE PLANS FOR DETAILS.
- 8 REALIGN FENCE IN LOCATION AS SHOWN WITH SALVAGED MATERIAL, CONNECT TO EXISTING END POSTS; CONFIRM FINAL ALIGNMENT AND EXTENTS IN FIELD WITH LANDSCAPE ARCHITECT.
- 9 INSTALL SITE FURNISHING; CONFIRM FINAL LOCATION OF ELEMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 10 INSTALL FOOD TRUCK ELECTRIC OUTLETS IN DESIGNATED BENCH LOCATIONS; SEE ELECTRICAL PLANS.
- 11 INSTALL NEW CONCRETE PATH; CONFIRM ALIGNMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION; ALL CURVES TO BE SMOOTH, GRADUAL, AND FREE OF KINKS.
- 12 INSTALL NEW PATH; CONFIRM ALIGNMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION; MATCH EXISTING PATH FINISH GRADES AT END POINTS, TYP.
- 13 INSTALL SALVAGED 'EL CAMINO REAL' SIGN; 'CLOSED TO ALL MOTORIZED VEHICLES' SIGN AND POST AS PER DETAIL 10L3-04; INSTALL SALVAGED 'SANTA FE COUNTY PARK RULES AND REGULATIONS' SIGN; SALVAGED DOG WASTE DISPENSER AND POST; CONFIRM FINAL LOCATION AND ORIENTATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 14 NEW 12"-18" NATURAL SURFACE PATH TO BE BUILT BY OTHERS, NIC
- 15 LIGHT POLE BASE; INTEGRAL COLOR CONCRETE TO MATCH CONCRETE SIDEWALK; SEE ELECTRICAL PLANS FOR ELECTRIC CONDUIT LAYOUT, FIXTURE INFORMATION, AND DETAILS; FIELD LOCATE POLE FOOTINGS, COORDINATE WITH DRAINAGE AND OTHER SITE IMPROVEMENTS.
- 16 INSTALL SALVAGED 12' RANCH FENCE, GATE SINGLE LEAF; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 17 INSTALL SALVAGED DRIVEWAY GATE FOR MAINTENANCE ACCESS; CENTER GATE ON EXISTING CURB CUT; ALIGN FENCE POST WITH GATE POSTS; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
- 18 INSTALL NEW FENCE WITH SALVAGED MATERIAL; ALIGN WITH BOLLARD, TYP.; CONFIRM EXTENTS IN FIELD WITH LANDSCAPE ARCHITECT.
- 19 INSTALL PARKING BUMPERS IN ASPHALT PAD; USE SALVAGED MATERIAL IN GOOD CONDITION WHEN POSSIBLE; CONFIRM IN FIELD WITH LANDSCAPE ARCHITECT; INSTALL PER DETAIL 4/L3-05.
- 20 INSTALL BOULDER; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT
- 21 INSTALL HANDRAILS ON EAST SIDE OF EXISTING STEPS; SET 2" FROM OUTSIDE EDGE OF PAVING; MODIFY SALVAGED HANDRAILS WHERE POSSIBLE.
- 22 INSTALL BOLLARD; CENTER IN SIDEWALK; COORDINATE LOCATION TO ALIGN WITH ADJACENT FENCE; CONFIRM LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT.
- 23 ALIGN LAYOUT TO MIRROR LAYOUT ACROSS DRIVE AISLE.
- 24 INSTALL SANTA FE COUNTY PARK RULES AND REGULATIONS SIGN AS PER DETAIL 7/L3-04; SEE DETAIL 12/L3-04 FOR POST DETAIL, TYP.; CONFIRM FINAL LOCATION AND ORIENTATION IN FIELD.
- 25 PARKING BUMPER, FASTEN TO CONCRETE PAD IN THIS AREA; SET FACE OF BUMPER FLUSH WITH EDGE OF CONCRETE PAD.
- 26 INSTALL SALVAGED REMOVABLE BOLLARD IN THIS LOCATION; POWDERCOAT COLOR: RAL 8014
- 27 INSTALL NEW TRAIL MARKER SIGN; CONFIRM FINAL LOCATION IN FIELD.
- 28 SEE CIVIL PLANS FOR CULVERT PIPE LOCATIONS.



<p>DESIGN ENGINEER PO Box 2768 Santa Fe, NM 87504 t 505.969.3557</p>			<p>HYDROSYSTEMS KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-9954 t 303.960.5327 www.hydrosys.com</p>								
<p>design office landscape planning urbanism</p> <p>DESIGN OFFICE 1300 Luisa Street, Suite 24 Santa Fe, NM 87505 t 505.983.1415 www.do-designoffice.com</p>			<p>ROMERO PARK - SITE IMPROVEMENTS</p> <p>SANTA FE COUNTY</p> <p>SANTA FE COUNTY</p> <p>2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507</p>								
<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>ISSUED</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			ISSUED	DATE	DESCRIPTION				<p>DRAWN BY CH DATE April 16, 2021</p> <p>SHEET TITLE</p> <p>LAYOUT + MATERIALS PLAN CENTRAL</p> <p>SHEET NUMBER</p> <p>L2-02</p>		
ISSUED	DATE	DESCRIPTION									

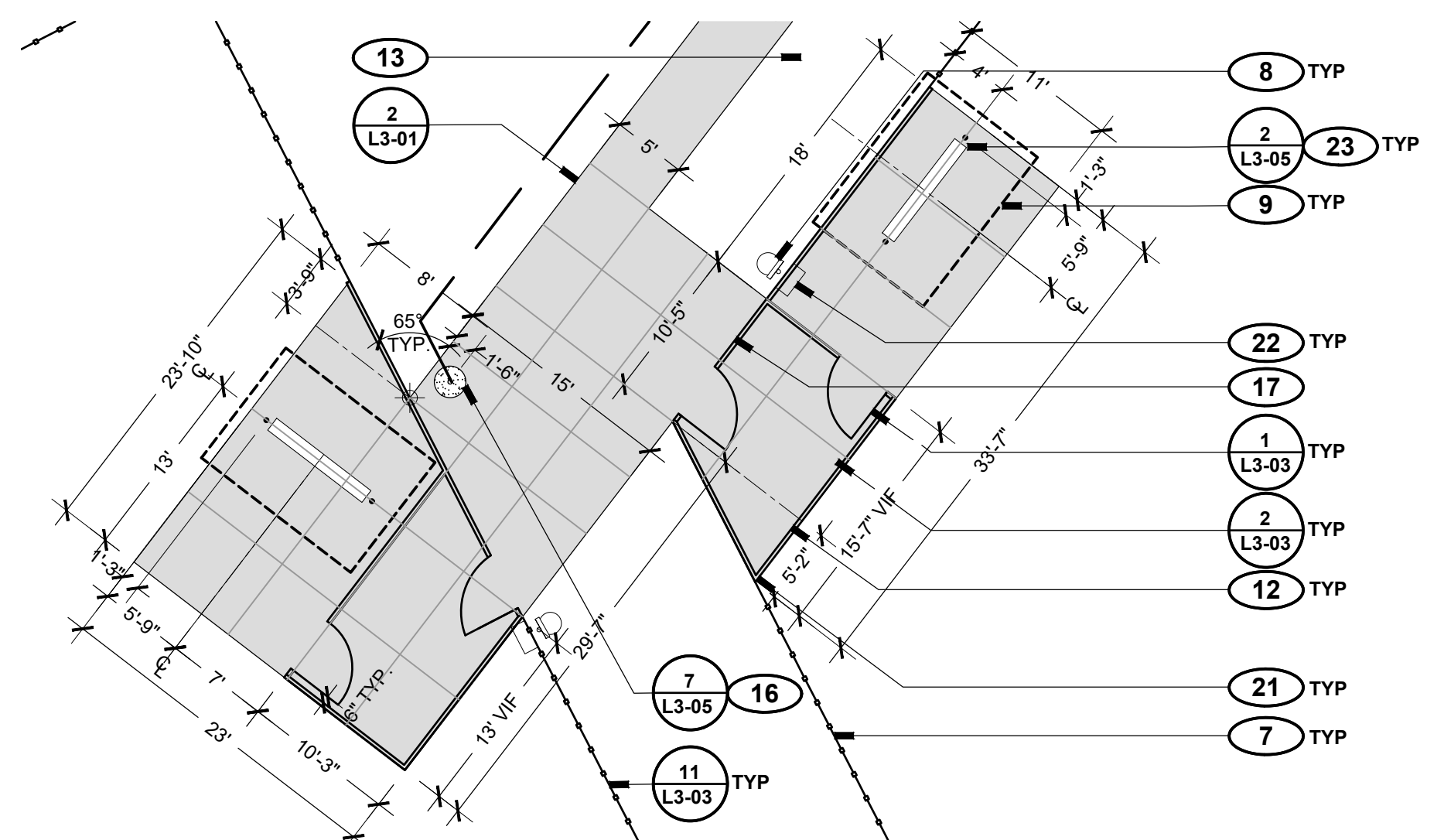


LAYOUT + MATERIALS LEGEND

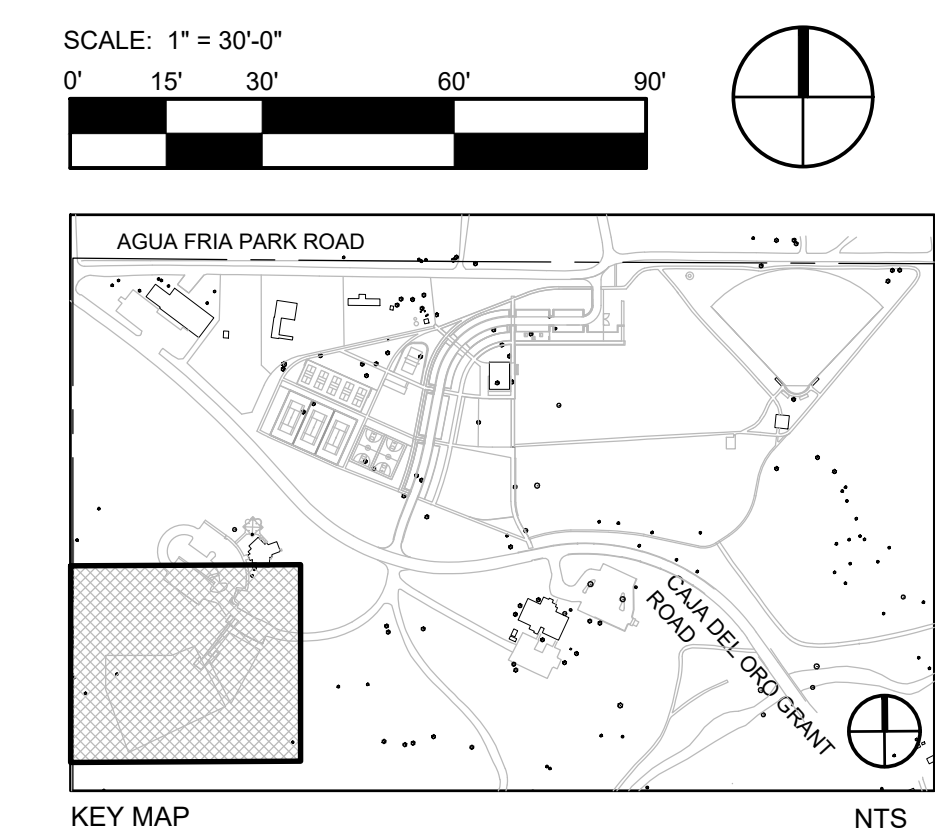
	PROPERTY BOUNDARY		BOLLARD
	MATCH LINE		SIGN
	CURB		DOG WASTE STATION
	EXPANSION JOINT		YARD HYDRANT AND BASIN
	CONTROL JOINT		TRASH RECEPTACLE
	POST AND CABLE FENCE		BENCH
	METAL FENCE		PICNIC TABLE
	CHAIN LINK FENCE		BIKE RACK
	WOOD FENCE		PARKING BUMPER
	COYOTE FENCE		BOULDER
	FIVE STRAND BARBLESS		CONCRETE PAVING
	NATURAL SURFACE PATH		CONCRETE PAVING, EXPOSED AGGREGATE
	LIGHT POLE		ASPHALT PAVING
	WATER LINE (EXISTING)		CRUSHER FINES PAVING
	ELECTRIC LINE (EXISTING)		BASE COURSE
	GAS LINE (EXISTING)		COBBLE
	POST AND CABLE (EXISTING)		GRAVEL A
	CHAIN LINK FENCE (EXISTING)		GRAVEL B
	TREE (EXISTING)		SAND

- ### LAYOUT + MATERIALS KEYED NOTES
- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
 - 2 NEW PARKING AREA OFF OF EXISTING PARK ACCESS ROAD; SEE CIVIL PLANS FOR LAYOUT AND GRADING.
 - 3 SEE CIVIL ENGINEERING PLANS FOR ACCESSIBLE PARKING STRIPING AND SIGNAGE LOCATIONS; INSTALL SALVAGED ADA PARKING SIGN AND SIGN POSTS AS DETAIL.
 - 4 INSTALL SALVAGED PARKING BUMPERS; EQUALLY SPACE BUMPERS IN AREAS SHOWN, TYP.
 - 5 INSTALL NEW CONCRETE PAVING, COLOR: GREY; CONFIRM LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
 - 6 DRAINAGE SWALE WITH SIDEWALK CULVERT; CONFIRM FINAL ALIGNMENT OF SWALE CENTERLINE IN FIELD WITH LANDSCAPE ARCHITECT; SEE CIVIL GRADING AND DRAINAGE PLANS FOR DETAILS.
 - 7 INSTALL SALVAGED WOOD FENCE; DIMENSIONS ARE APPROXIMATE TO CENTERLINE OF POST AND SHOULD BE CONFIRMED IN FIELD ACCORDING TO AVAILABLE SALVAGED MATERIAL; LAYOUT IN FIELD PRIOR TO INSTALLATION AND CONFIRM ALIGNMENT IN FIELD WITH LANDSCAPE ARCHITECT. REPLACE DAMAGED COMPONENTS WITH IN-KIND MATERIALS AS NECESSARY; INSTALL NEW WIRE MESH MATERIAL.
 - 8 INSTALL SALVAGED SITE FURNISHING; CONFIRM FINAL LOCATION OF ELEMENT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - 9 INSTALL SALVAGED SHADE STRUCTURE. POST FOOTING DETAIL TO BE PROVIDED BY ARCHITECT AFTER STRUCTURE HAS BEEN SALVAGED; PAINT STEEL FRAME COMPONENTS: MARINE GRADE EXTERIOR PAINT, COLOR BLACK; INSTALL NEW METAL ROOF PANELS AND RIDGE COVER TO MATCH NANCY RODRIGUEZ PICNIC SHELTER.
 - 10 INSTALL SANTA FE COUNTY PARK RULES AND REGULATIONS SIGN AS PER DETAIL 7/L3-04; POST MOUNTED PER 12/L3-04. CONFIRM FINAL LOCATION AND ORIENTATION IN FIELD WITH LANDSCAPE ARCHITECT.
 - 11 INSTALL SALVAGED DOG PARK VEHICULAR GATE FOR MAINTENANCE ACCESS; CONFIRM FINAL LOCATION IN FIELD WITH LANDSCAPE ARCHITECT.
 - 12 INSTALL NEW RANCH FENCE TRANSITION PEN WITH NEW PEDESTRIAN GATES, TYP.; NEW RANCH FENCE POSTS TO BE SET IN CONCRETE PAVING AREA; CONFIRM FINAL LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO POURING CONCRETE PAVING.
 - 13 INSTALL SALVAGED PEA GRAVEL AT 3" DEPTH; CONFIRM EXTENTS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - 14 INSTALL SALVAGED RANCH SINGLE LEAF VEHICULAR GATE FOR MAINTENANCE ACCESS; ALIGN GATE WITH EAST POST; EXTEND POST AND CABLE FENCE TO MATCH EXISTING TO CLOSE GAP; ALIGN WEST END OF POST AND CABLE WITH END GATE POST; SET GATE POST 12" FROM OUTSIDE EDGE OF PARKING CURB; CONFIRM FINAL LOCATION WITH LANDSCAPE ARCHITECT.
 - 15 INSTALL SALVAGED POST AND CABLE FENCE TO MATCH EXISTING TO CLOSE GAP; ALIGN WITH NEW DOG PARK FENCE; SET EDGE OF POST MAX 6" FROM EDGE OF CONCRETE, TYP.
 - 16 INSTALL YARD HYDRANT; COORDINATE LOCATION WITH WATER LINE EXTENSION; SEE CIVIL PLANS; CONFIRM LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - 17 NEW 12"x18" SIGN PANEL (2), SEE DETAIL 7/L3-04; FENCE MOUNTED; INSTALL (1) SALVAGED 'PET WASTE' SIGN ON FENCE POST; INSTALL (1) NEW 'PET WASTE' SIGN ON FENCE POST; CONFIRM LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - 18 INSTALL SALVAGED BOLLARD; POWDERCOAT COLOR: TBD.
 - 19 INSTALL OWNER SUPPLIED COTTONWOOD LOG; BURY EDGE MIN. 6" DEPTH; CONFIRM LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - 20 ALIGN CURBS WITH CENTERLINE OF FENCE POST; CONFIRM LOCATION IF FIELD WITH LANDSCAPE ARCHITECT.
 - 21 ALIGN WOOD FENCE END POSTS WITH RANCH FENCE POST; MIN 3" GAP, TYP.
 - 22 INSTALL DOG WASTE BAG DISPENSER.
 - 23 INSTALL SALVAGED BENCH; CENTER BENCH BETWEEN SHADE STRUCTURE POSTS, TYP.

1 DOG PARK
SCALE: 1" = 30'-0"



2 DOG PARK ENTRANCE
SCALE: 1" = 10'-0"



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEERY
PO Box 2768
Santa Fe, NM 87504
t. 505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9954
t. 303.960.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com

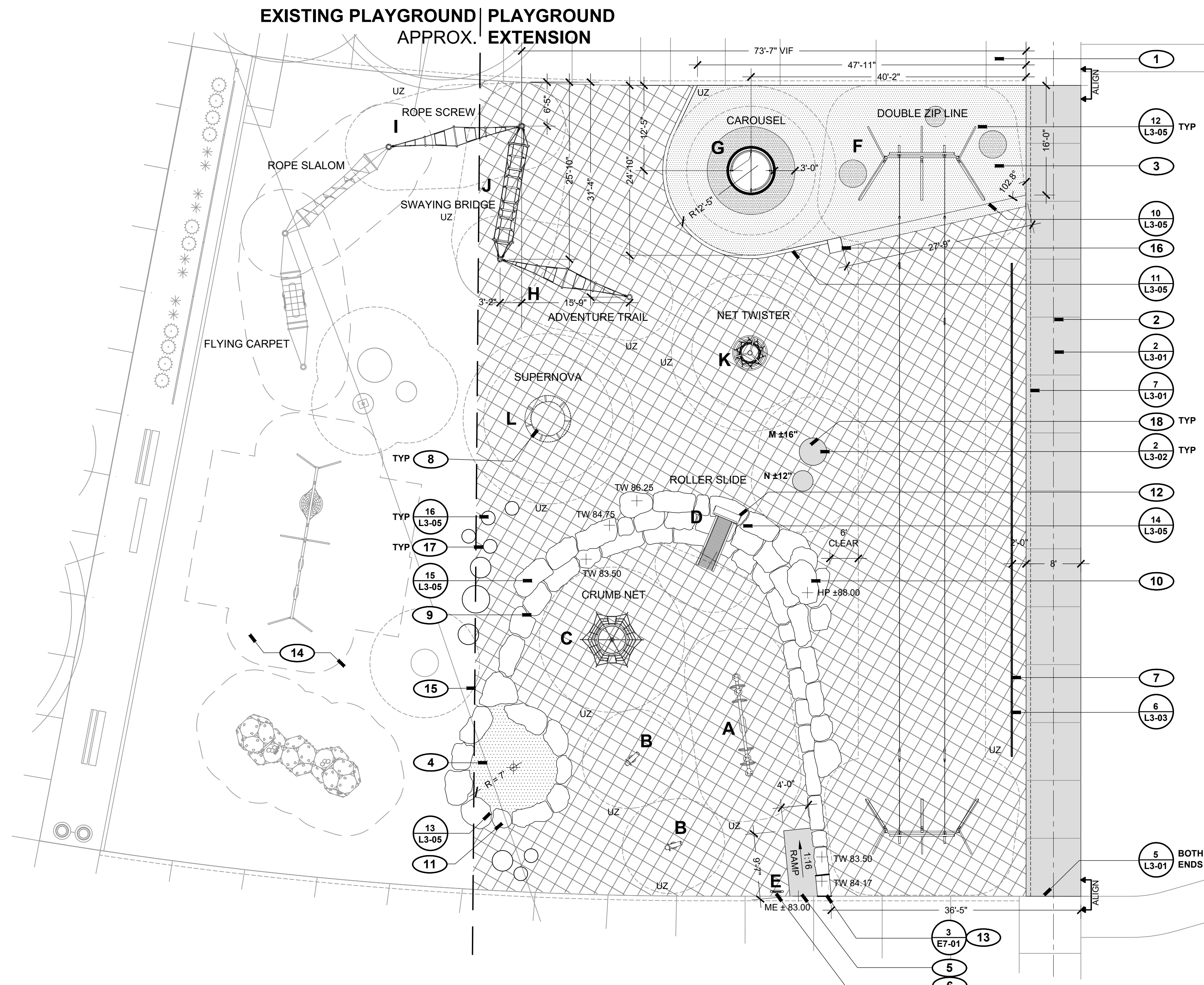


ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH	DATE April 16, 2021
SHEET TITLE LAYOUT + MATERIALS PLAN DOG PARK	
SHEET NUMBER L2-03	



1 PLAYGROUND
L2-04 SCALE: 1" = 10'-0"

PLAY EQUIPMENT SCHEDULE: 2 - 5 YEAR OLD PLAYGROUND

ITEM	MANUFACTURER	MODEL NAME	MODEL NO.	QTY.	COLORS
A	TIMBERFORM	TANDEM SPRING RIDER SEESAW	3870-4-E	1	FRAME / HANDLES: REGAL BLUE SEATS: BLACK
B	TIMBERFORM	LOGGIE SPRING RIDER	3886-01-E	2	FRAME: REGAL BLUE SEAT: DOUGLAS FIR
C	KOMPAN	CRUMB NET	COR24301	1	FRAME / POST: GALVANIZED ROPE: ULTRA MARINE BLUE RUBBER PLATFORM: BLACK
D	LANDSCAPE STRUCTURES	ROLLERSLIDE (40") W/ CUSTOM DECK, 2-BAR TRANSITION BAR (NO HOOD)	123337	1	FRAME / POST: METALLIC SILVER ROLLERS: BLUE DECK: BLUE
E	KOMPAN	AGE APPROPRIATE SIGN: 2-5 YEARS OLD	M21101	1	FRAME: GALVANIZED

PLAY EQUIPMENT SCHEDULE: 5 - 12 YEAR OLD PLAYGROUND

ITEM	MANUFACTURER	MODEL NAME	MODEL NO.	QTY.	COLORS
F	KOMPAN	DOUBLE CABLEWAY METAL - SLOPED	M88101	1	POST: GALVANIZED SEAT: BLACK
G	KOMPAN	CAROUSEL	KPL123	1	POST: GALVANIZED SEAT: BLACK HPL FLOOR: METAL
H	KOMPAN	ADVENTURE TRAIL	COR1515	1	POST: GALVANIZED ROPE: RED
I	KOMPAN	ROPE SCREW	COR1507	1	POST: GALVANIZED ROPE: RED
J	KOMPAN	SWAYING BRIDGE	COR1501	1	POST: GALVANIZED ROPE: RED
K	KOMPAN	NET TWISTER	COR203001-1101	1	POST: FRAME: GALVANIZED ROPE: RED
L	KOMPAN	SUPERNOVA	IG110 GYX960012	1	POST: GALVANIZED RING: NIGHT SKY BLUE
M	TARTER (OR OTHER)	STOCK TANK, 4'W x 2'H	IG60/90	1	GALVANIZED
N	TARTER (OR OTHER)	STOCK TANK, 3'W x 2'H	-	1	GALVANIZED

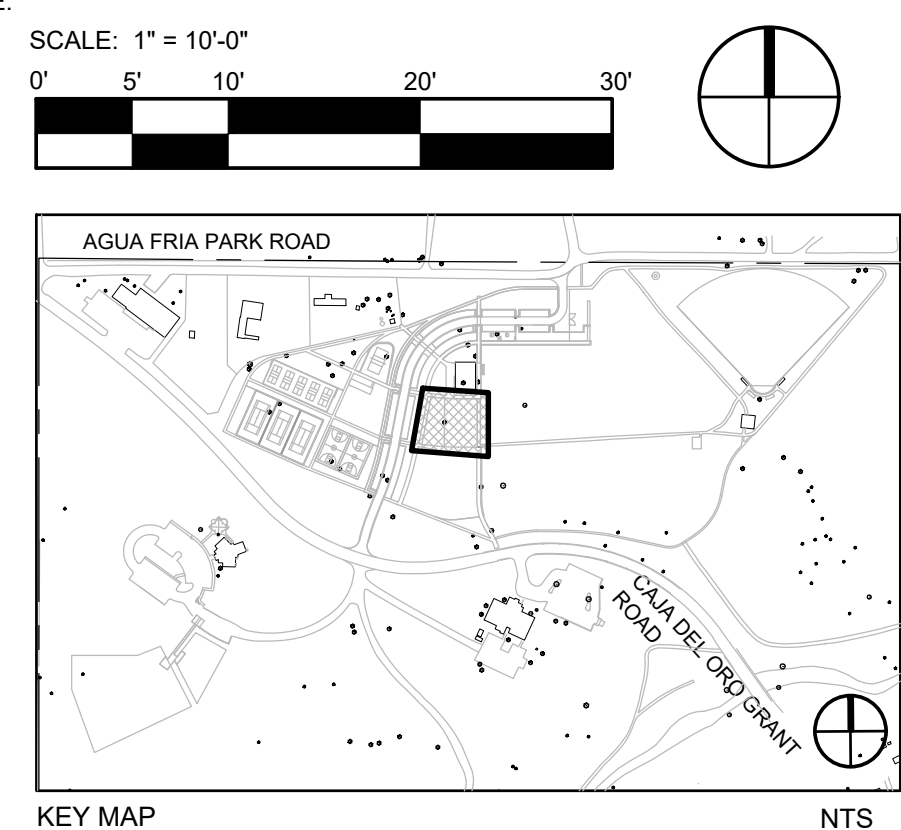
NOTES:
 1. KOMPAN AGILITY NET PLAY COMPONENTS (ITEMS H, I, J) WILL CONNECT TO AN EXISTING AGILITY SYSTEM; ONLY 1 POST PER PIECE IS NEEDED.
 2. KOMPAN DOUBLE CABLEWAY (ITEM F) CABLE NEEDS TO BE SHORTENED TO FIT WITHIN THE EXISTING 118' LENGTH SPACE. VERIFY EXISTING CONDITIONS ALLOWABLE SPACE PRIOR TO ORDERING.
 3. STOCK TANKS (ITEMS M,N) CONCRETE SHALL HAVE A LIGHT BROOM FINISH TO MATCH EXISTING.

LAYOUT + MATERIALS LEGEND

- CURB
- EXPANSION JOINT
- CONTROL JOINT
- METAL FENCE
- CONCRETE PAVING
- RESILIENT SURFACING - BASE COLOR
- RESILIENT SURFACING - ACCENT COLOR
- ENGINEERED WOOD FIBER
- PLAY SAND

- PLAYGROUND KEYED NOTES**
- PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
 - INSTALL NEW CONCRETE PATH; MATCH FINISH SURFACE GRADES AT CONNECTIONS TO EXISTING CONCRETE.
 - INSTALL POURED-IN-PLACE RESILIENT RUBBER SURFACE; BASE COLOR: TURQUOISE BLUE, ACCENT COLOR: MEDIUM GRAY; SURFACE ADJACENT TO CAROUSEL TO BE FLEXGROUND XTREME SURFACING; SET SURFACE FLUSH WITH ADJACENT CONCRETE ON EDGES ADJACENT TO CONCRETE SURFACING. CONFIRM FINAL LAYOUT IN FIELD; COORDINATE WITH PLAY EQUIPMENT SAFETY ZONES AND PLAY EQUIPMENT MANUFACTURER'S TECHNICAL SPECIFICATIONS, TYP.
 - EXISTING SUBGRADE SEWER LINE IN THIS APPROXIMATE LOCATION; PROTECT EXISTING UTILITY AND NOTIFY LANDSCAPE ARCHITECT IF MODIFICATIONS TO THE PLAYGROUND LAYOUT ARE NECESSARY TO KEEP REQUIRED CLEARANCES TO EXISTING UTILITIES.
 - INSTALL ACCESSIBLE CONCRETE RAMP, INTEGRAL COLORED CONCRETE TO MATCH ADJACENT PAVING; MATCH FINISH GRADE OF SIDEWALK AT CONNECTION, TYP.
 - PLAYGROUND RULES SIGN, 2-5 YEAR OLD, CONFIRM FINAL LOCATION / ORIENTATION IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - INSTALL PIPE FENCE; SET PARALLEL WITH ADJACENT SIDEWALK OUTSIDE SAFETY ZONE; CONFIRM LOCATION OF END POINTS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - PLAY ELEMENT, TYP; CONFIRM FINAL PLACEMENT AND FINISH GRADE OF PLAY ELEMENT IN FIELD WITH LANDSCAPE ARCHITECT.
 - BOULDER ROCK RETAINING / CLIMBING WALL, 3 LEVELS; BUTT JOINTS AND MORTAR WHERE NECESSARY TO PREVENT SAFETY SURFACE MIGRATION. STAKE LAYOUT IN FIELD AND CONFIRM WITH LANDSCAPE ARCHITECT PRIOR TO SETTING ROCKS; PROVIDE SUFFICIENT CLEARANCE TO PLAYGROUND EQUIPMENT SAFETY ZONES, TYP.
 - BOULDER HILL / HIGH POINT; FIRMLY ANCHOR TOP ROCKS TO LOWER ONES TO STABILIZE ROCKS.
 - BOULDER-EDGED SANDBOX; ADJUST AND CONFIRM LAYOUT IN FIELD ACCORDING TO FINISH ROCK SELECTIONS; BUTT JOINTS AND MORTAR JOINTS, TYP.
 - ROLLERSLIDE - SET ROLLERSLIDE POSTS IN BOULDER ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
 - CONCRETE BENCH (APPROX 2' WIDTH X 3' LENGTH) ADJACENT TO RAMP, MATCH COLOR TO RAMP CONCRETE; CONFIRM FINAL WIDTH OF CONCRETE TO COORDINATE WITH WIDTH OF ABUTTING BOULDER ROCK WALL; SET RECESSED ELECTRIC OUTLETS IN CONCRETE ON EAST SIDE FOR EVENTS / MOVIES, CONFIRM LOCATION; SEE ELECTRICAL PLANS FOR CONDUIT LOCATIONS AND DETAILS.
 - ADD COVER LAYER OF ENGINEERED WOOD FIBER ON EXISTING PLAYGROUND AREA TO MATCH FINISH AND PROVIDE ADDITIONAL DEPTH IN AREAS AS NECESSARY TO MEET MINIMUM SAFETY SURFACING STANDARDS.
 - INSTALL NEW SAFETY SURFACING TO MATCH TOP OF SURFACE GRADES OF EXISTING PLAYGROUND FOR A SEAMLESS EXTENSION; RAKE SMOOTH.
 - INSTALL 2' X 2' X 20" DEEP CONCRETE TRANSITION BETWEEN CONCRETE HEADER CURB AND RESILIENT SURFACING 45° EDGE; SET TOP OF SURFACE FLUSH WITH ADJACENT HEADER CURB; LOCATE OUTSIDE PLAY EQUIPMENT SAFETY ZONE.
 - INSTALL WOOD STUMP, OWNER SUPPLIED (SIZES VARY); BURY BASE OF STUMP INTO SUBGRADE, MINIMUM 4" DEPTH; SAND SURFACE OF STUMP SMOOTH AND FREE OF SHARP PROTRUSIONS OR SNAGS; SET LOCATIONS AND HEIGHTS OF STUMPS IN FIELD UNDER SUPERVISION OF LANDSCAPE ARCHITECT.
 - SEAT ELEMENT, TYP; CONFIRM FINAL PLACEMENT AND FINISH GRADE OF SEAT ELEMENT IN FIELD WITH LANDSCAPE ARCHITECT. DIMENSION INDICATES HEIGHT ABOVE ADJACENT FINISH GRADE (WOOD CHIP SURFACE), TYP; ADJUST SUBGRADE LEVELS ACCORDINGLY.

- PLAY EQUIPMENT AND SURFACE NOTES**
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO FURNISH, INSTALL AND CONSTRUCT ALL PLAY EQUIPMENT AND SITE FURNISHINGS AS SPECIFIED AND DESCRIBED ON THIS PLAN.
 - THE GROUND SPACES (GS) AND USE ZONE (UZ) FOR EACH PIECE OF PLAY EQUIPMENT ARE SHOWN ON THE PLAN. THE GROUND SPACE IS THE ACTUAL SPACE THAT THE EQUIPMENT OCCUPIES. THE USE ZONE IS THE REQUIRED OBSTACLE FREE SURFACE AROUND EQUIPMENT. THE USE ZONE FOR STATIONARY PLAY EQUIPMENT SHALL EXTEND NO LESS THAN 6' FROM ALL SIDES OF THE PLAY STRUCTURE. IN INSTANCES WHERE THE USE ZONE EXTENDS BEYOND 6' FROM A SPECIFIED SIDE OF A STRUCTURE, THE REQUIRED LENGTH IS SHOWN ON THE PLAN.
 - THE USE ZONES FOR ANY TWO ADJACENT PLAY STRUCTURES SHALL NOT OVERLAP UNLESS APPROVED BY MANUFACTURER. OBTAIN MINIMUM CLEARANCE INFORMATION BETWEEN EQUIPMENT PRIOR TO INSTALLATION.
 - PLAYGROUND SURFACING TO MEET ACCESSIBILITY CODE REQUIREMENTS AND ASTM F1292 - STANDARD SPECIFICATION FOR IMPACT ATTENUATION OF SURFACING MATERIALS WITHIN THE USE ZONE OF PLAYGROUND EQUIPMENT. THE CONTRACTOR SHALL INSTALL PLAY SURFACING ACCORDING TO THE PLAY EQUIPMENT FALL HEIGHTS AS INDICATED BY THE EQUIPMENT MANUFACTURER.
 - PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL PROVIDE AN "AS-BUILT" DRAWING WHICH DOCUMENTS THAT EACH PIECE OF PLAY EQUIPMENT IS CONSTRUCTED WITH THE REQUIRED ZONE AND THAT NO USE ZONES OVERLAP, UNLESS APPROVED BY MANUFACTURER.
 - PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR MUST PROVIDE WRITTEN AUTHORIZATION THAT THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF PLAY EQUIPMENT AND EACH PLAY SURFACE MATERIAL HAS BEEN INSPECTED, TESTED, AND CERTIFIED BY A THIRD-PARTY CERTIFICATION AGENCY IN ACCORDANCE WITH ASTM F-1487-11 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE CORRECTIVE ACTION TO BRING PLAYGROUND COMPONENTS INTO FULL COMPLIANCE WITH APPLICABLE SAFETY AND ACCESSIBILITY STANDARDS PRIOR TO FINAL ACCEPTANCE.



REVISIONS
 ISSUED DATE DESCRIPTION

DESIGN ENGINEER
 PO Box 2768
 Santa Fe, NM 87504
 t.505.969.3557

HYDROSYSTEMS KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80401-9554
 t.303.960.5327
 www.hydrosyskdi.com

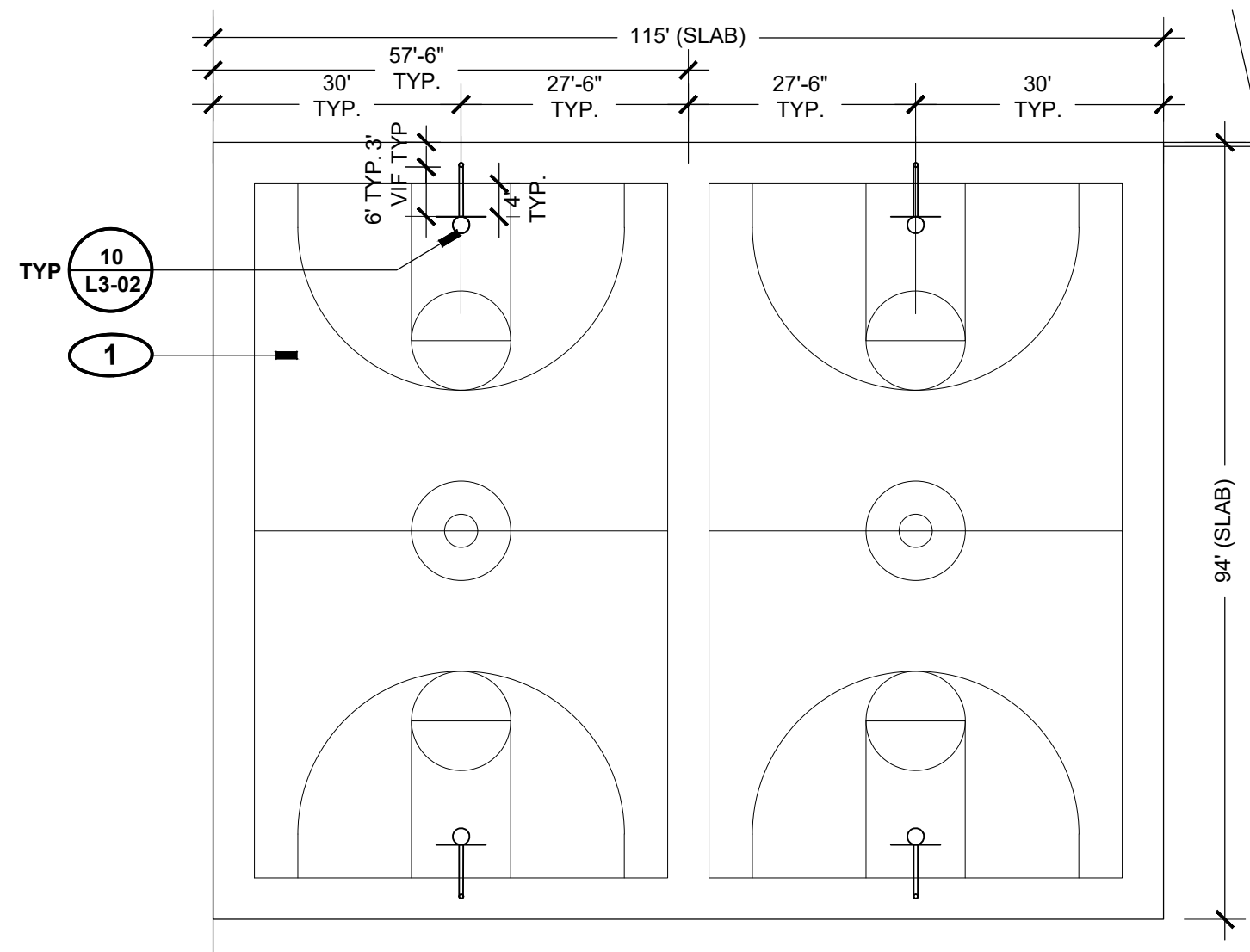
design office
 landscape planning urbanism
 DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t.505.983.1415
 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

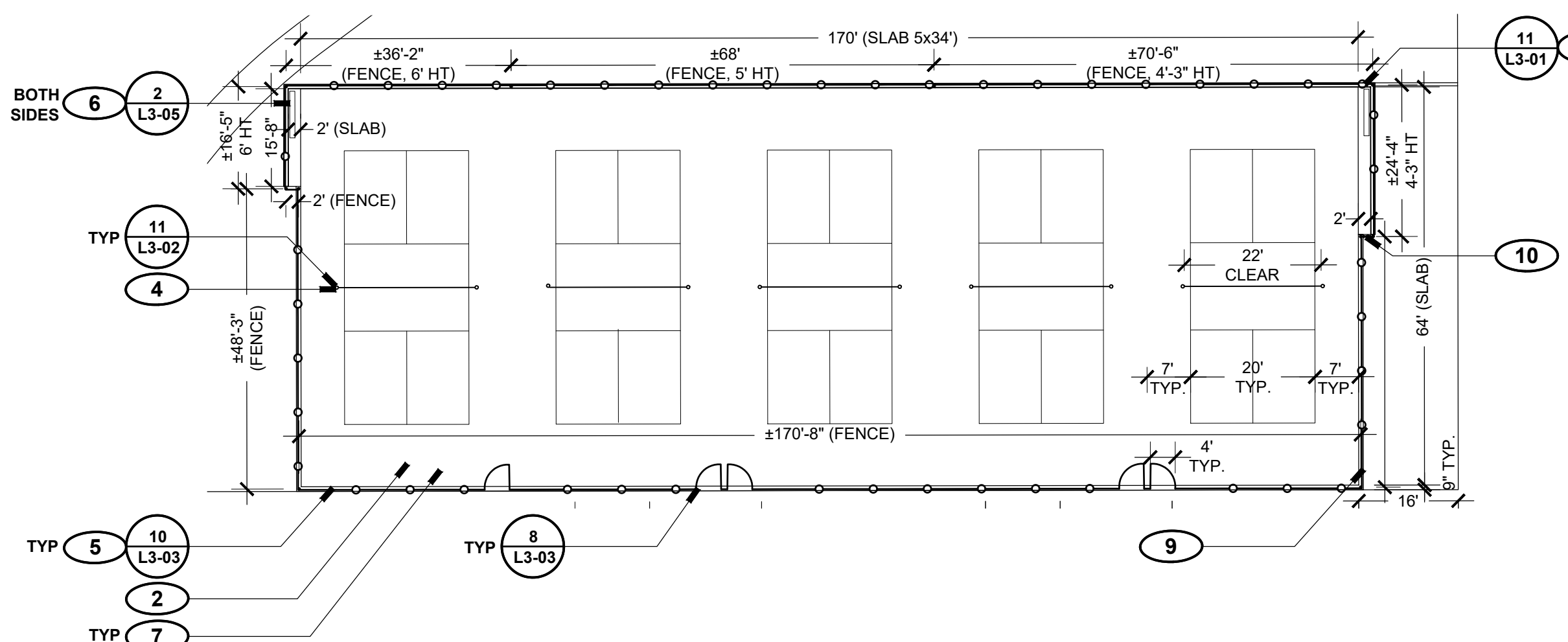
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021
 SHEET TITLE
ENLARGED PLAN PLAYGROUND
 SHEET NUMBER
L2-04

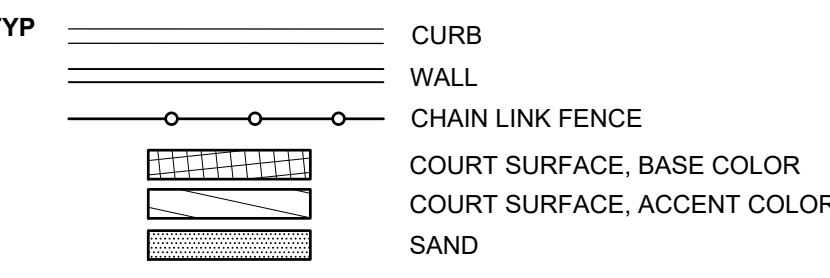


1 BASKETBALL COURTS LAYOUT
L2 05 SCALE: 1" = 20'-0"



2 PICKLEBALL COURTS LAYOUT
L2 05 SCALE: 1" = 20'-0"

LAYOUT + MATERIALS LEGEND

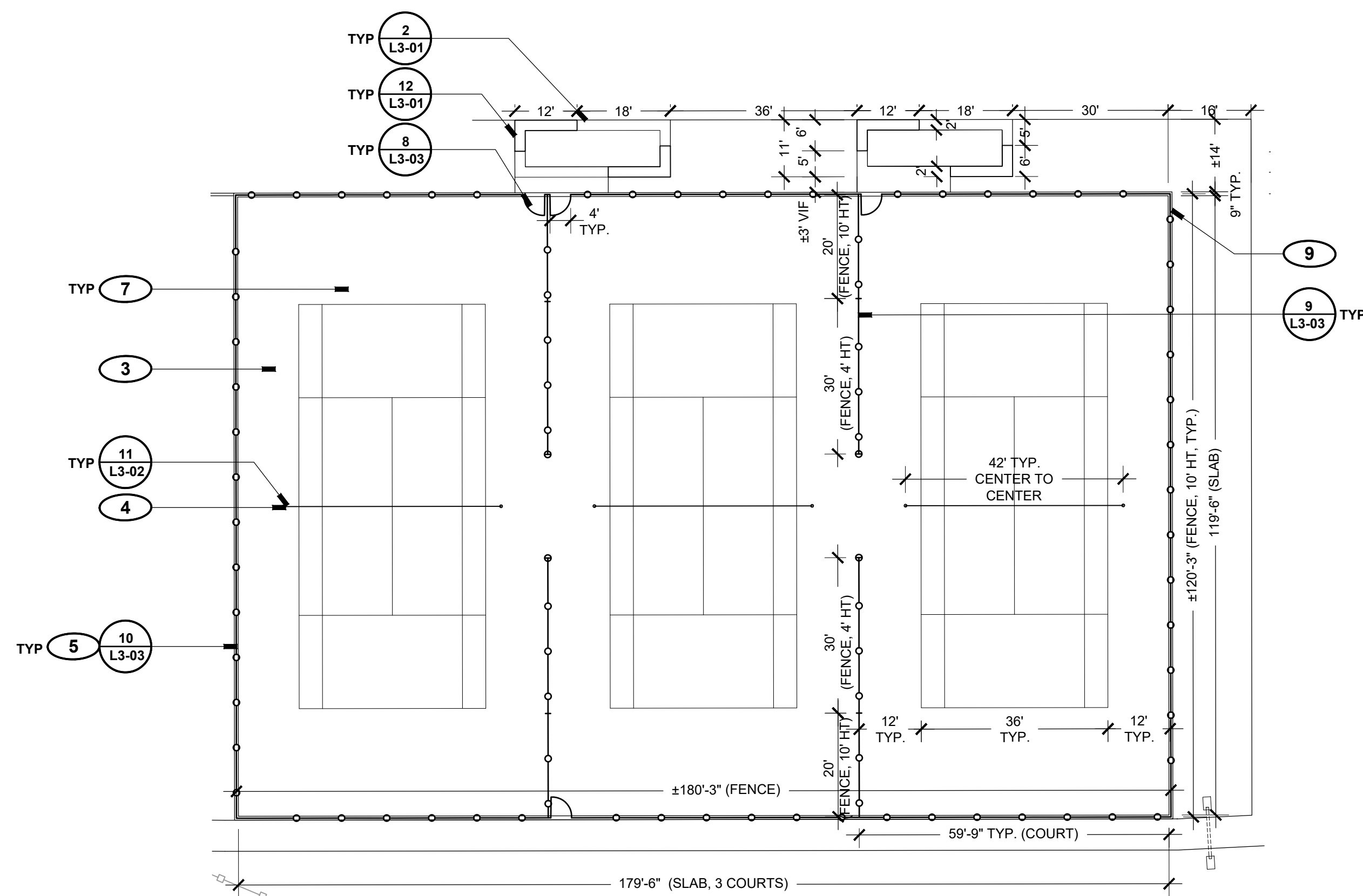


LAYOUT + MATERIALS KEYED NOTES

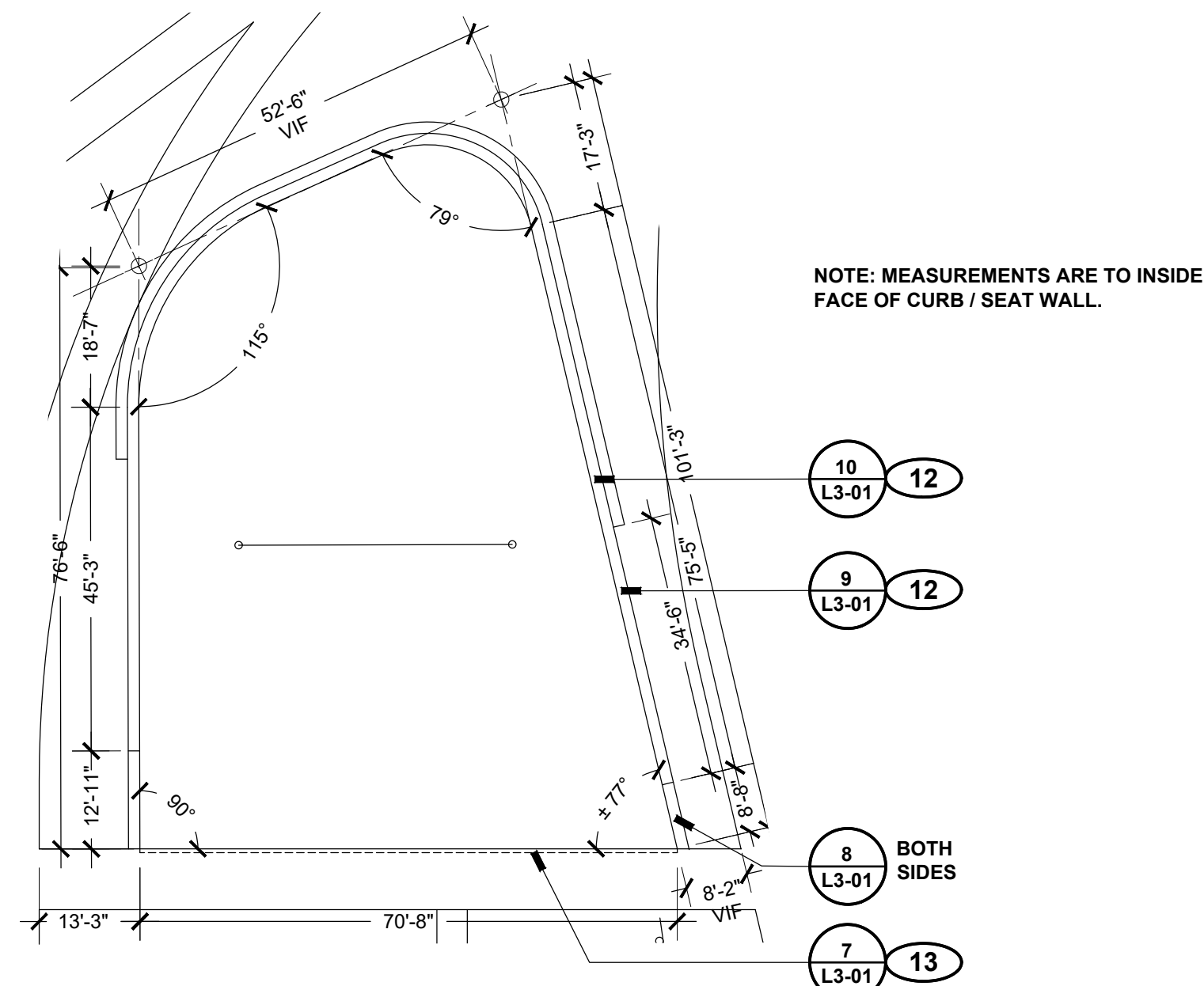
- 1 INSTALL NEW BASKETBALL COURT WITH SALVAGED BASKETBALL HOOP POLES, BACKBOARDS, RIMS, AND NETS; STRIPE ACCORDING TO NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS STANDARDS; STRIPE COLOR: TBD. REPLACE DAMAGED ITEMS WITH MATCHING COMPONENTS; SEE STRUCTURAL PLANS FOR POST-TENSIONED CONCRETE PAD DETAILS, TYP.; FINISH SURFACE: COLORED CONCRETE TO MATCH SIDEWALKS, LIGHT BROOM FINISH, TYP.
- 2 INSTALL NEW PICKLEBALL COURTS WITH SURFACING, PERIMETER FENCING, NET POSTS, NETS, AND ACCESS GATES; STRIPE ACCORDING TO UNITED STATES OF AMERICA PICKLEBALL ASSOCIATION (USAPA) STANDARDS; SEE STRUCTURAL PLANS FOR POST-TENSIONED CONCRETE SLAB LAYOUT AND DETAILS, TYP.
- 3 INSTALL NEW TENNIS COURTS WITH SURFACING, PERIMETER FENCING, PARTIAL INTERIOR FENCING, NET POSTS, NETS, AND ACCESS GATES; STRIPE ACCORDING TO UNITED STATES TENNIS ASSOCIATION STANDARDS; SEE STRUCTURAL PLANS FOR POST-TENSIONED CONCRETE SLAB LAYOUT AND DETAILS, TYP.
- 4 INSTALL NET POSTS SO CENTER OF NET IS POSITIONED AT COURT MIDPOINT EQUIDISTANT FROM BOTH SIDES, TYP.
- 5 INSTALL NEW CHAIN LINK FENCE SET IN CONCRETE CURB; (TENNIS COURT: 10' HEIGHT, PICKLEBALL COURT: 8' HEIGHT, UNLESS OTHERWISE NOTED); TOP OF CURB TO BE FLUSH WITH ADJACENT COURT SURFACE; CONFIRM GATE LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO SETTING POSTS. ALL CHAIN LINK MATERIALS TO BE VINYL COATED; COLOR: BROWN.
- 6 PLAYER BENCH (BACKLESS), TYP.; CONFIRM FINAL PLACEMENT OF SEAT IN FIELD WITH LANDSCAPE ARCHITECT.
- 7 COURT SURFACING; BASE COLOR: KHAKI; ACCENT COLOR: MEDIUM BLUE. SEE COURT SURFACING COLOR DIAGRAM; CONFIRM COLOR SELECTION WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 8 CONCRETE RETAINING WALL W/ FENCING; COORDINATE STEPS IN RETAINING WALL WITH FENCE POST LOCATIONS, TYP.; TOP OF CHAIN LINK TO MATCH ADJACENT PICKLEBALL COURT CHAIN LINK FENCE SET IN CONCRETE CURB.
- 9 12"x18" RULES SIGN PANEL, SEE DETAIL 7/L3-04; FENCE MOUNTED WITH TAMPER RESISTANT HARDWARE; CONFIRM FINAL LOCATION IN FIELD.
- 10 INSTALL (3) 2-3/8" OD VERTICAL CHAIN LINK FENCE POSTS TO FILL GAP BETWEEN FENCE ENDPPOSTS, 2" CLEAR BETWEEN POSTS MAX.; MATCH FINISH SURFACE AND COLOR TO ADJACENT FENCE, TYP.; CONFIRM ALIGNMENT WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 11 INSTALL SAND VOLLEYBALL COURT, POSTS, AND NET WITH PERIMETER CURB / SEATING; CONFIRM SAFETY CLEARANCES TO EDGE OF CONCRETE PERIMETER CURB PRIOR TO PLACING POSTS AND PREPARING SUBGRADE.
- 12 INSTALL CONCRETE SEAT / RETAINING WALL; CONFIRM LAYOUT IN FIELD WITH LANDSCAPE ARCHITECT; CURVES SHALL BE SMOOTH, PARALLEL AND FREE OF KINKS.
- 13 INSTALL TURNDOWN CURB ALONG EDGE OF WALKWAY ADJACENT TO VOLLEYBALL COURT, TYP.

LAYOUT + MATERIALS GENERAL NOTES

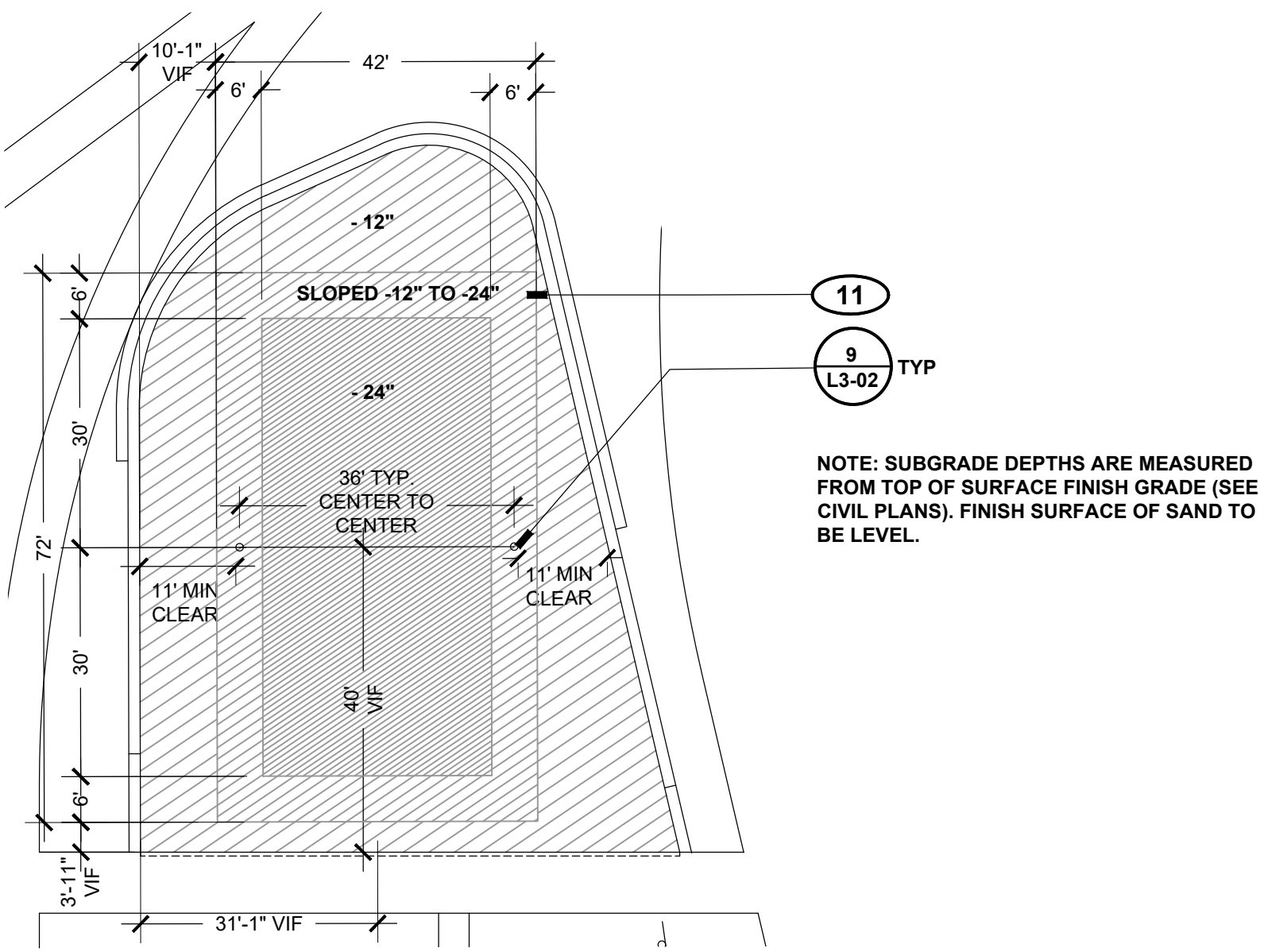
1. COURT LAYOUT, EQUIPMENT LOCATIONS, SAFETY CLEARANCES, AND STRIPING TO MEET APPLICABLE NATIONAL SPORT ASSOCIATION STANDARDS.
 TENNIS UNITED STATES TENNIS ASSOCIATION (USTA)
 PICKLEBALL UNITED STATES OF AMERICA PICKLEBALL ASSOCIATION (USAPA)
 BASKETBALL NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS)
2. STAKE CONCRETE SLABS, CURBS, FENCE LINES, AND NET POST LOCATIONS IN FIELD FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL PRIOR TO INSTALLATION.



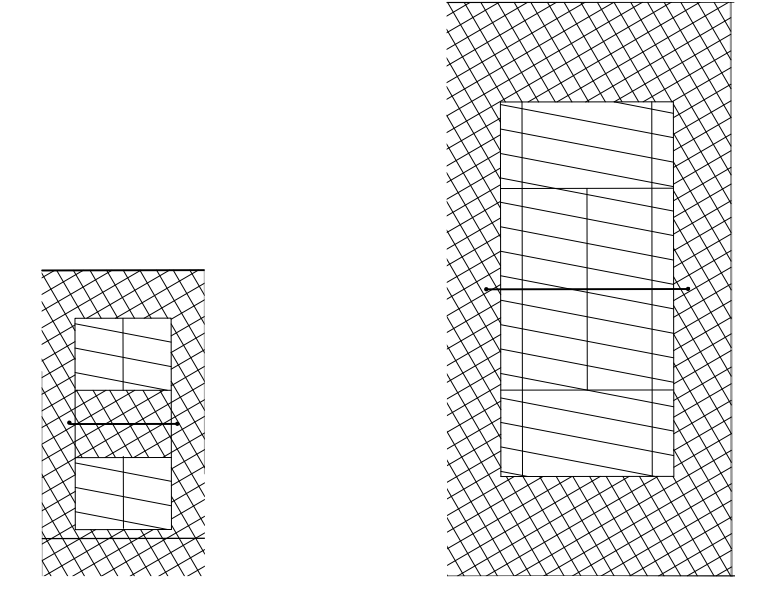
3 TENNIS COURT LAYOUT
L2 05 SCALE: 1" = 20'-0"



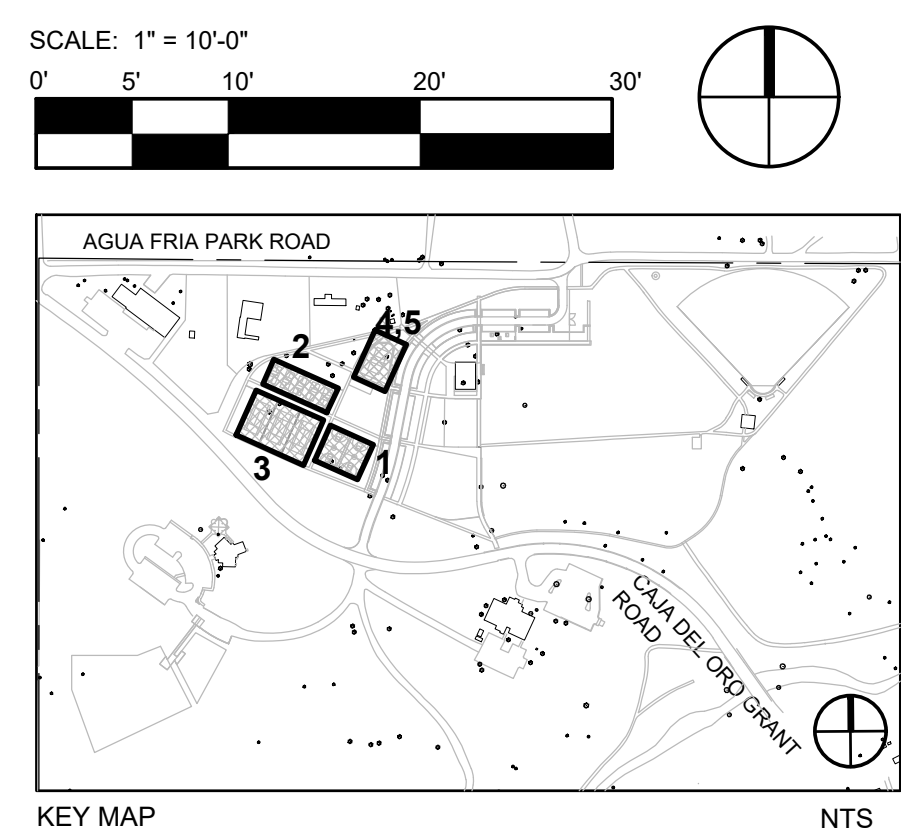
4 VOLLEYBALL COURT PERIMETER LAYOUT
L2 05 SCALE: 1" = 20'-0"



5 VOLLEYBALL COURT GRADING PLAN
L2 05 SCALE: 1" = 20'-0"



6 COURT SURFACING DIAGRAM
L2 05 SCALE: 1" = 20'-0"



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t. 505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t. 303.960.5327
www.hydrosyskdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

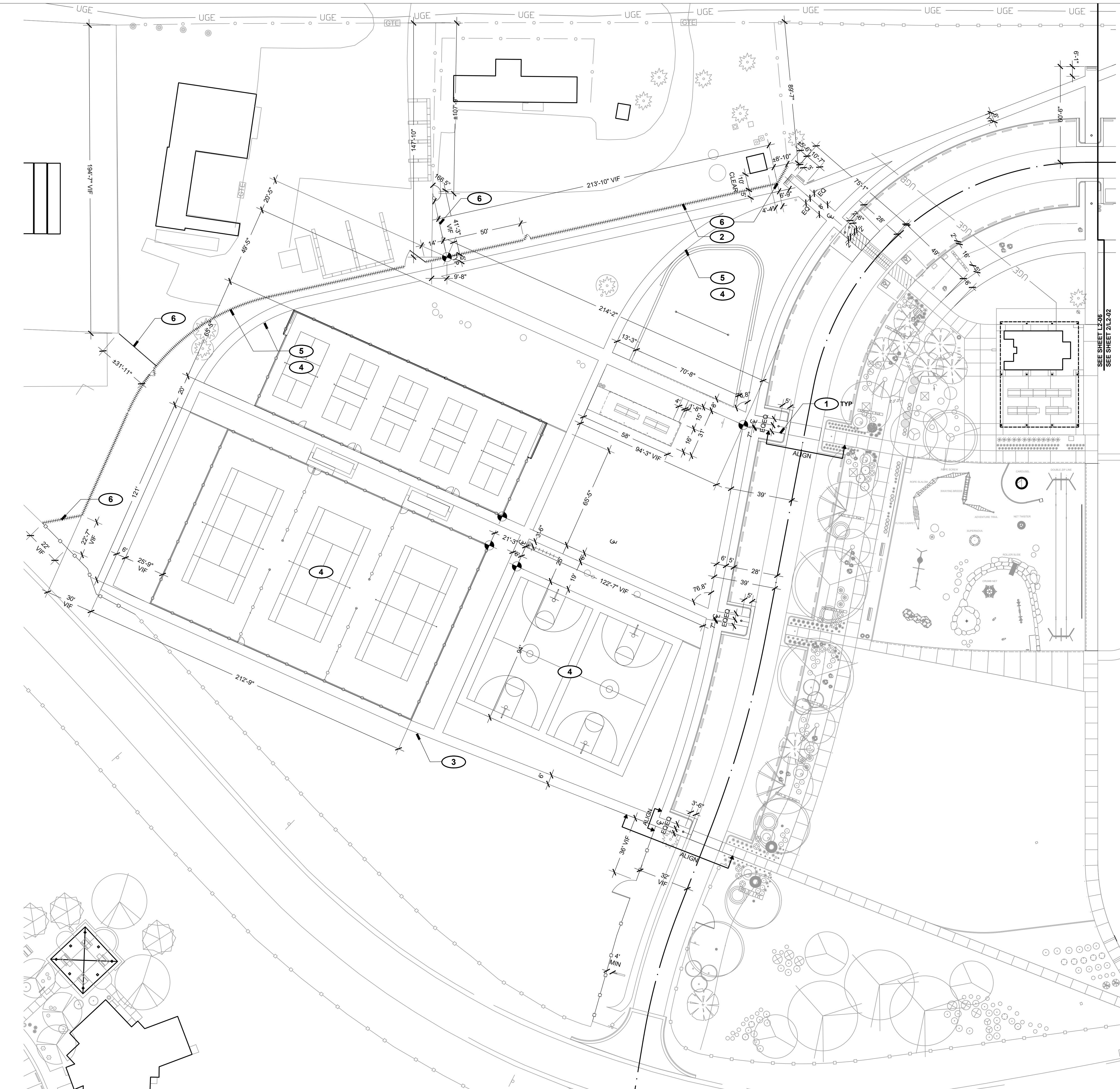
2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021

SHEET TITLE **ENLARGED PLAN COURTS**

SHEET NUMBER

L2-05

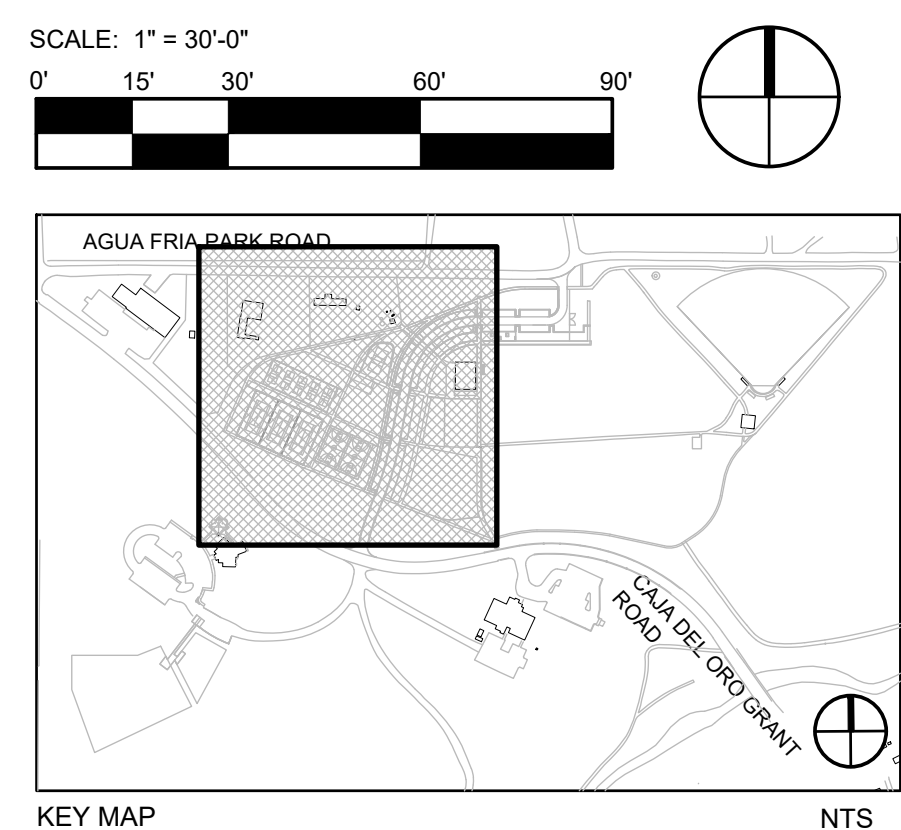


DIMENSION PLAN LEGEND

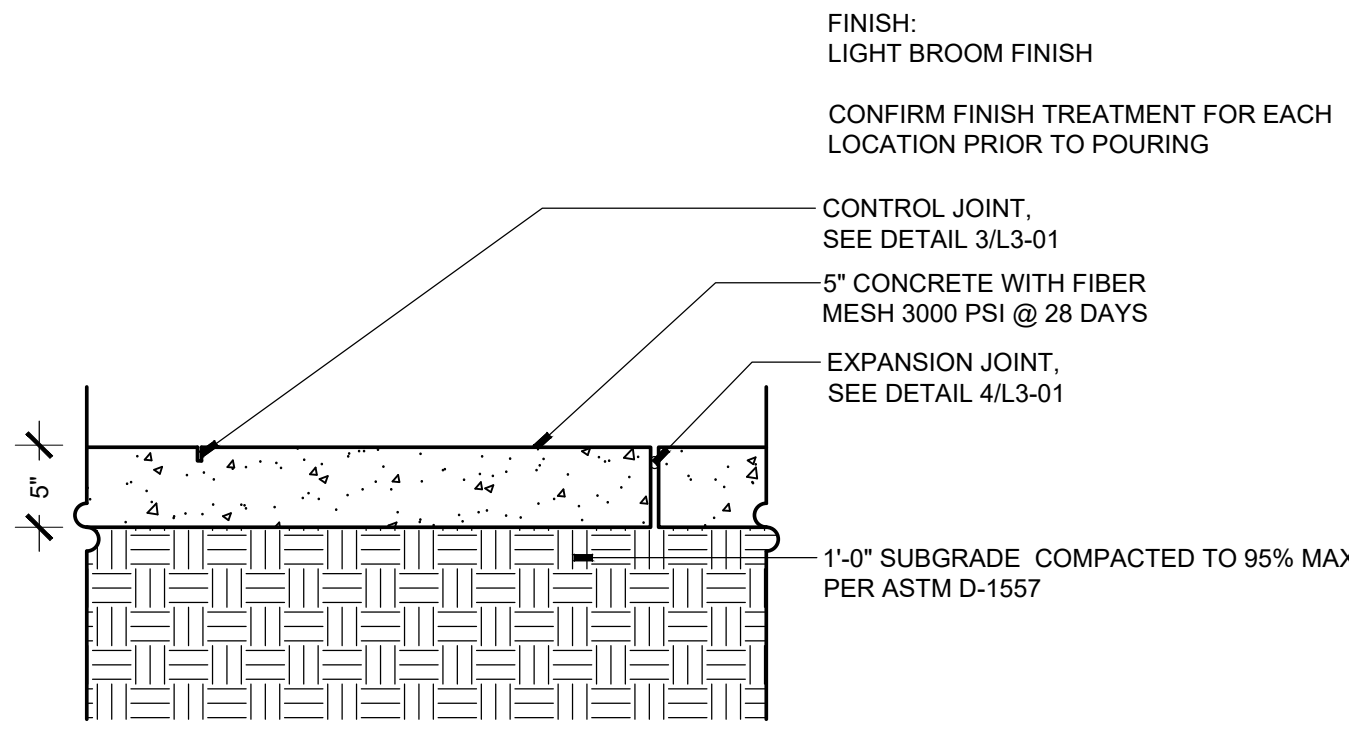
- | | | | |
|-----------|----------------------|---|------------------|
| — | MATCH LINE | • | BOLLARD |
| — | CURB | ○ | SIGN |
| — | POST AND CABLE FENCE | ○ | TRASH RECEPTACLE |
| — | METAL FENCE | □ | BENCH |
| — | CHAIN LINK FENCE | □ | PICNIC TABLE |
| — | WOOD FENCE | □ | BIKE RACK |
| — | COYOTE FENCE | □ | PARKING BUMPER |
| — x — x — | FIVE STRAND BARBLESS | ● | BOULDER |

DIMENSION KEYED NOTES

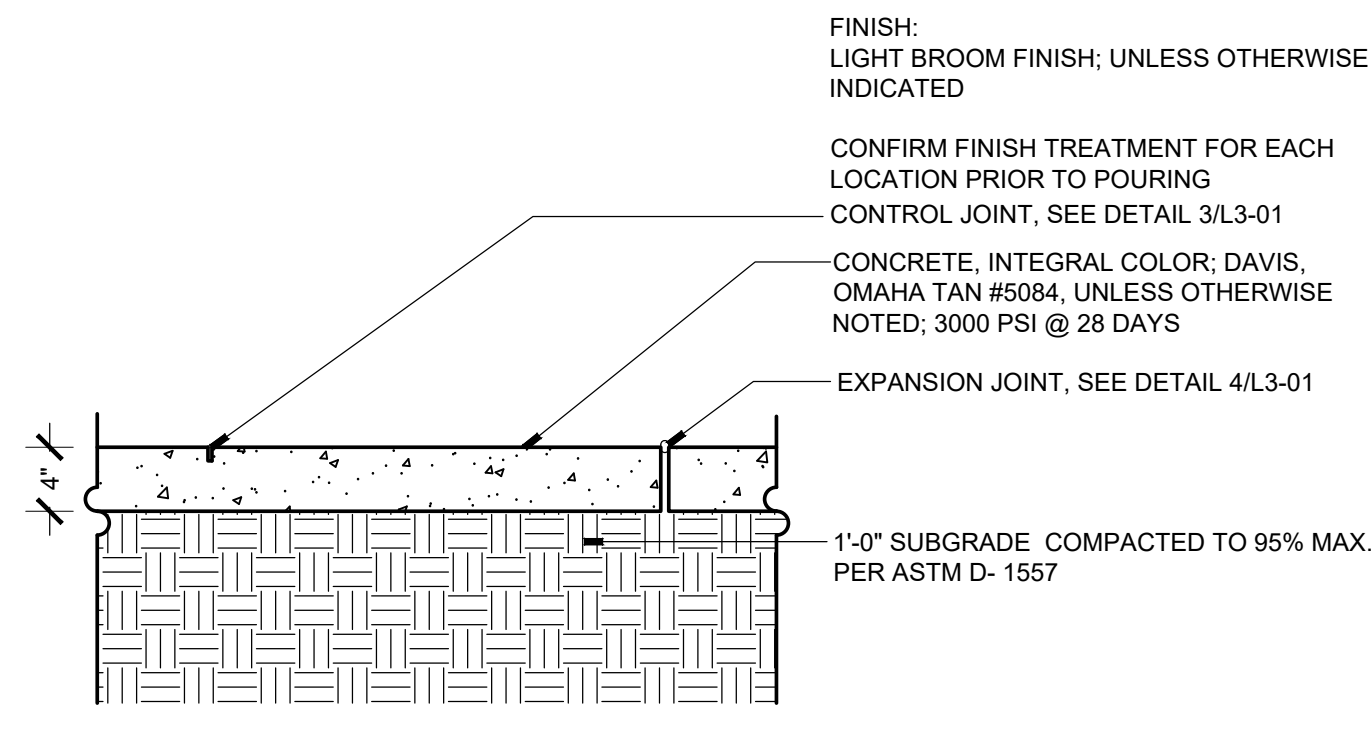
- 1 ALIGN PATHWAY EXTENSIONS ACROSS DRIVE AISLE AND CURB BUMPOUTS WITH EXISTING PATHWAY / BUMPOUTS ON EAST SIDE OF DRIVE AISLE.
- 2 INSTALL FENCE PARALLEL TO WALKWAY; CONFIRM GATE LOCATIONS IN FIELD WITH LANDSCAPE ARCHITECT.
- 3 ADJUST SIDEWALK ALIGNMENT IN THIS APPROXIMATE LOCATION TO JOIN SIDEWALK SOUTH OF TENNIS COURTS WITH SIDEWALK EXTENSION FROM THE EAST.
- 4 SEE ENLARGED PLANS ON SHEET L2-05 AND STRUCTURAL PLANS FOR DETAILED DIMENSIONS OF COURTS. DIMENSIONS INDICATED IN THIS PLAN ARE MEASURED TO OUTSIDE EDGE OF COURT PERIMETER FENCE CURB (TENNIS, PICKLEBALL). COURTS WITH NO PERIMETER FENCING (BASKETBALL, VOLLEYBALL) ARE MEASURED TO PERIMETER OF COURT AREA.
- 5 CURVE SIDEWALK AND FENCE AS ILLUSTRATED TO COORDINATE WITH NEW SITE ELEMENT TO BE CONSTRUCTED OR WITH EXISTING FEATURE TO REMAIN. CURVES TO BE SMOOTH AND FREE OF KINKS AT POINT OF CURVATURE WITH STRAIGHT ELEMENTS. FLAG OR STAKE ALIGNMENTS IN FIELD FOR REVIEW PRIOR TO CONSTRUCTION, TYP.
- 6 FIELD LOCATE SMALL FENCE CONNECTOR SEGMENT LENGTHS / CONNECTION POINTS IN COORDINATION WITH OVERALL HARDSCAPE AND FENCING LAYOUT. ALL CONSTRUCTED ELEMENTS TO BE STAKED AND APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.



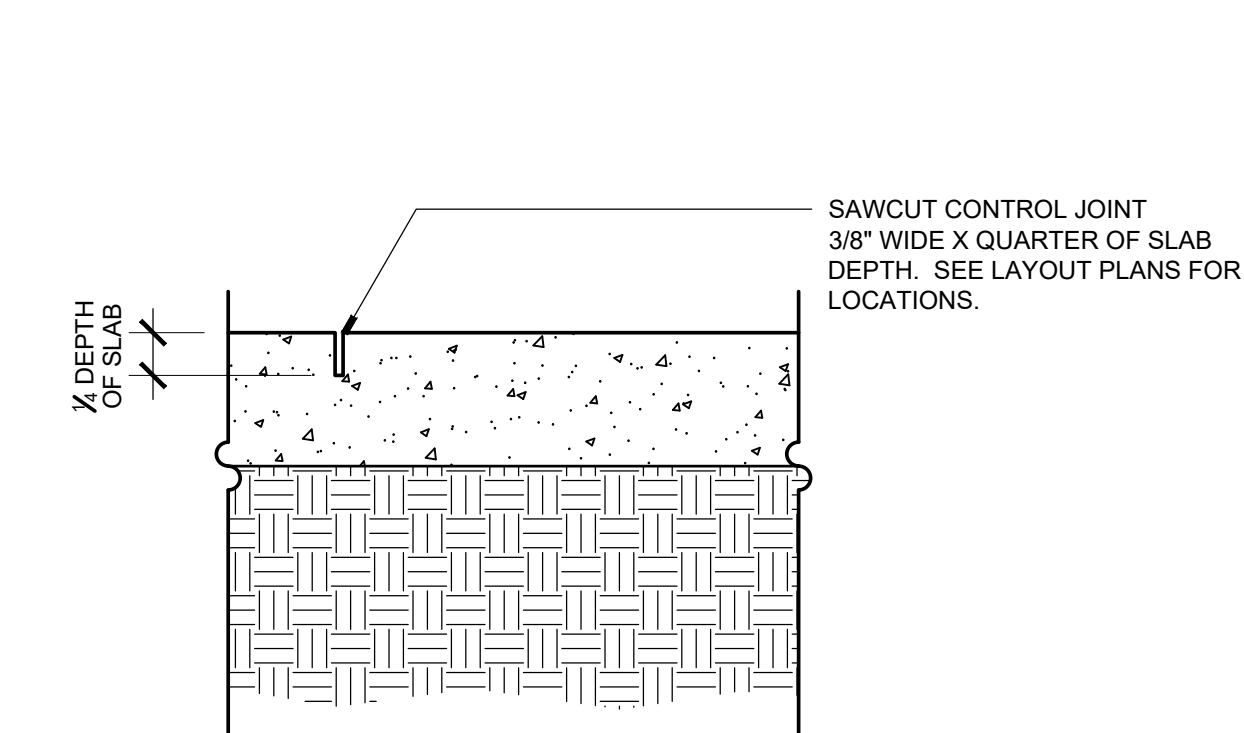
REVISIONS		
ISSUED	DATE	DESCRIPTION
<p>design office landscape planning urbanism</p> <p>DESIGN OFFICE 1300 Luisa street, Suite 24 Santa Fe, NM 87505 T 505.983.1415 www.do-designoffice.com</p>		
<p>ROMERO PARK - SITE IMPROVEMENTS</p> <p>SANTA FE COUNTY</p> <p>2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507</p>		
DRAWN BY CH		DATE April 16, 2021
SHEET TITLE		
DIMENSION PLAN - WEST		
SHEET NUMBER		
L2-06		



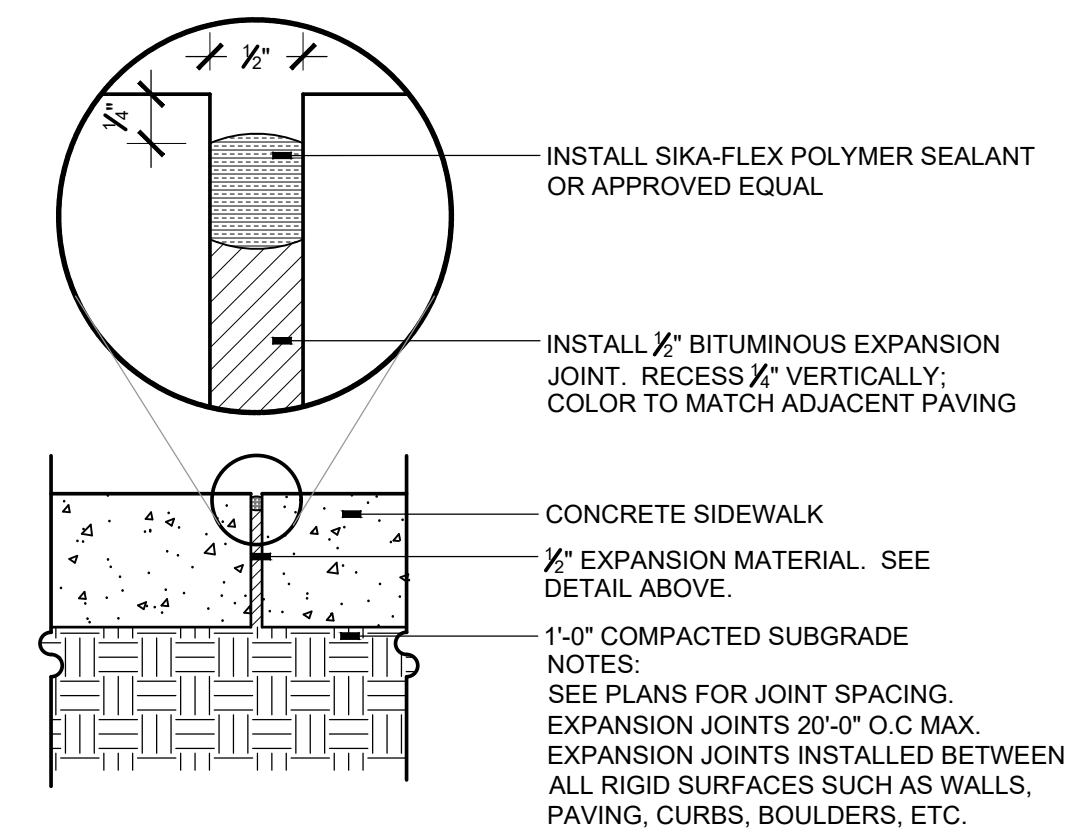
1 CONCRETE PAVING
SCALE: 1"=1'-0" SECTION



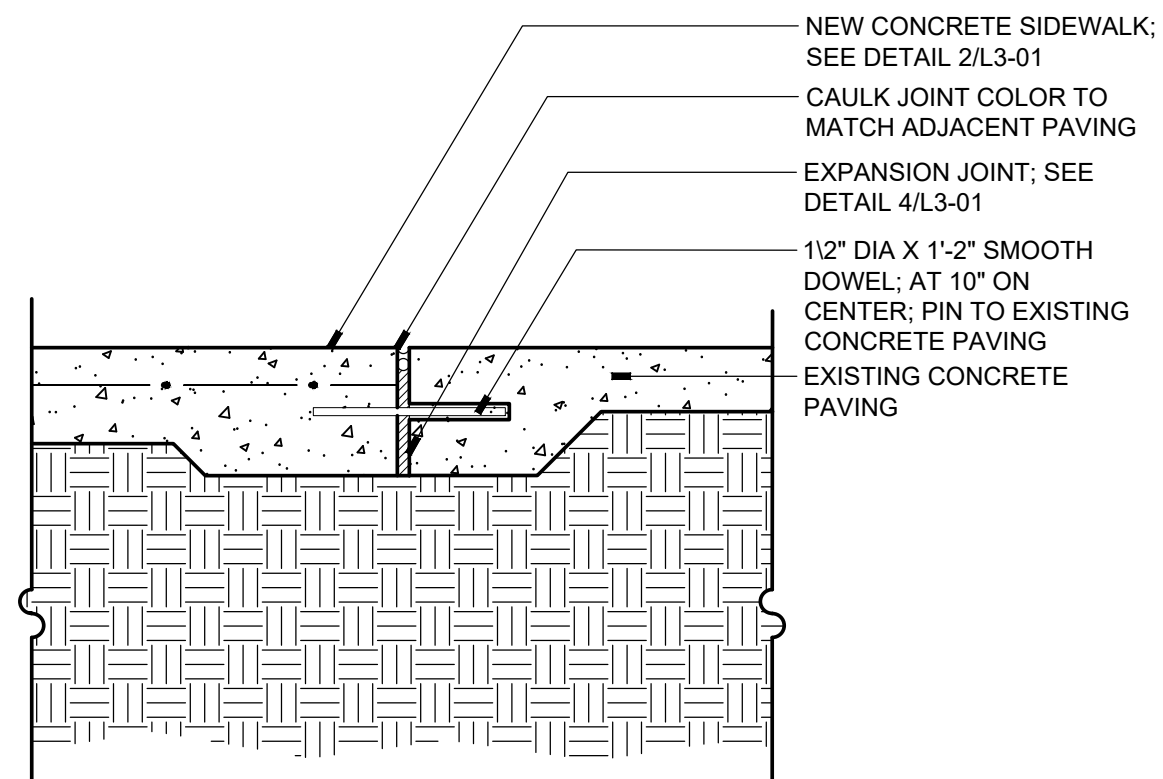
2 CONCRETE SIDEWALK
SCALE: 1"=1'-0" SECTION



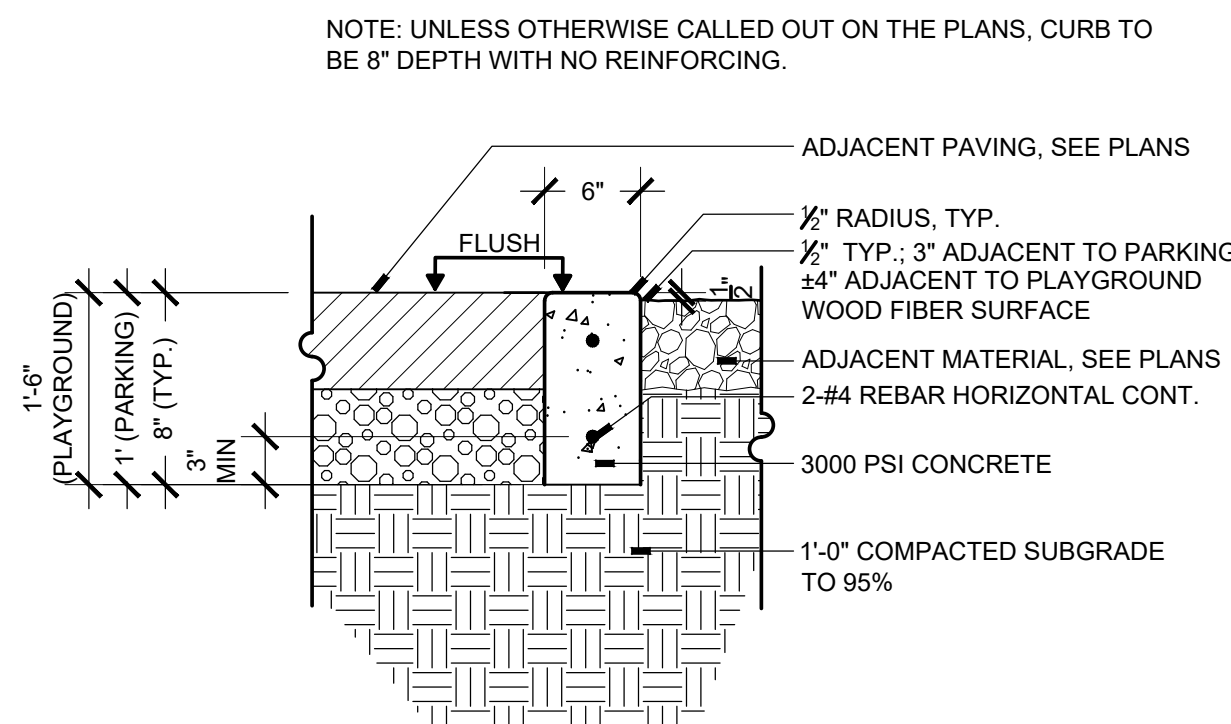
3 CONTROL JOINT
SCALE: 1"=1'-0" SECTION



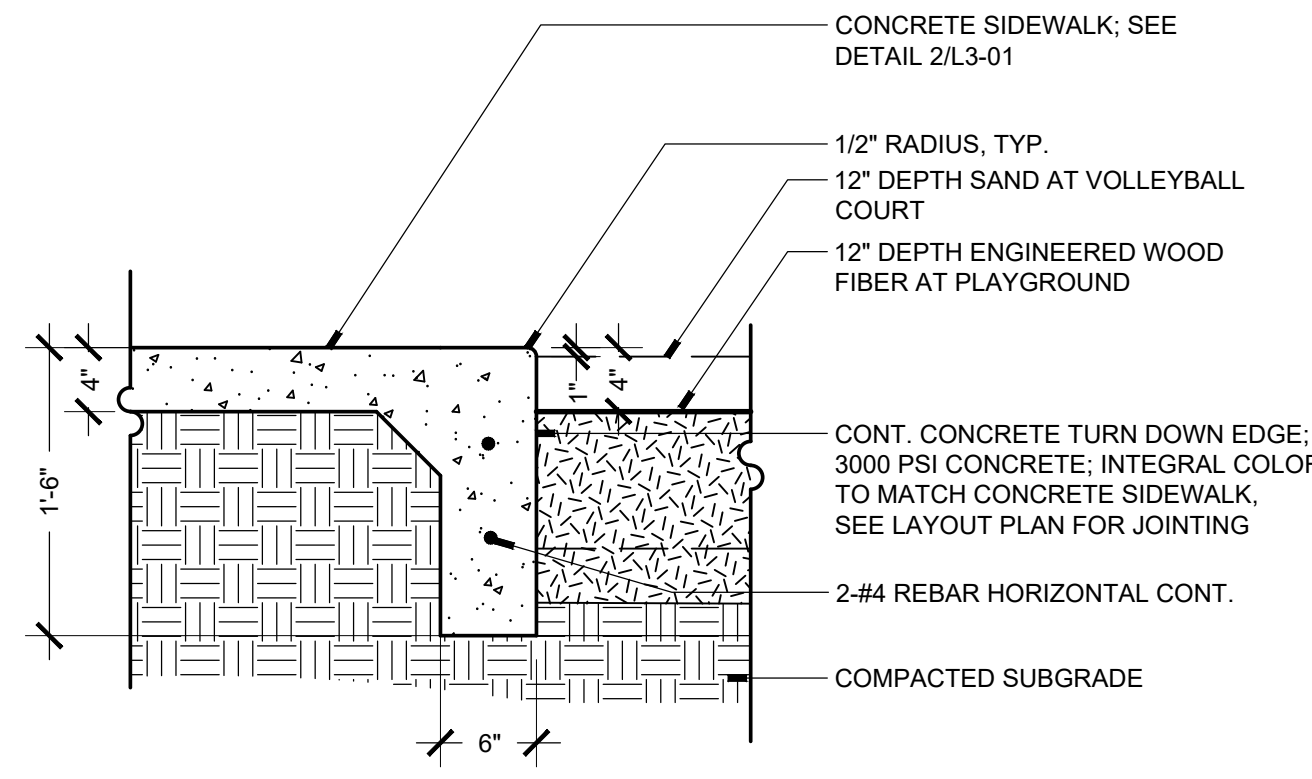
4 EXPANSION JOINT
SCALE: 1"=1'-0" SECTION



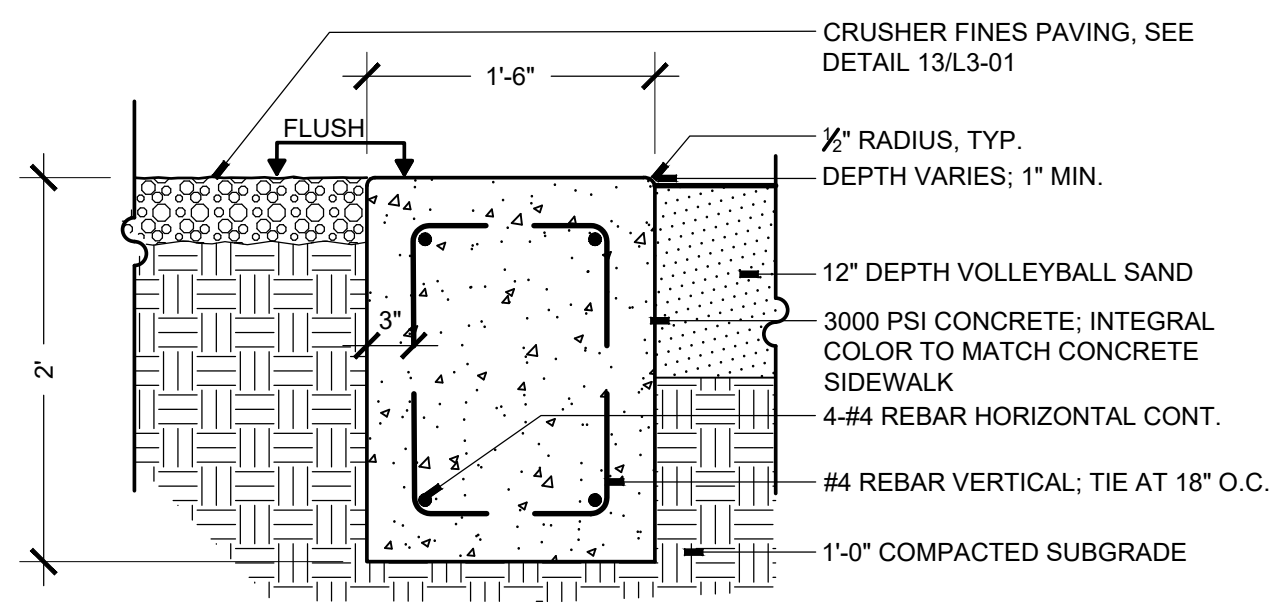
5 CONCRETE SLAB W/ DOWEL JOINT
SCALE: 1"=1'-0" SECTION



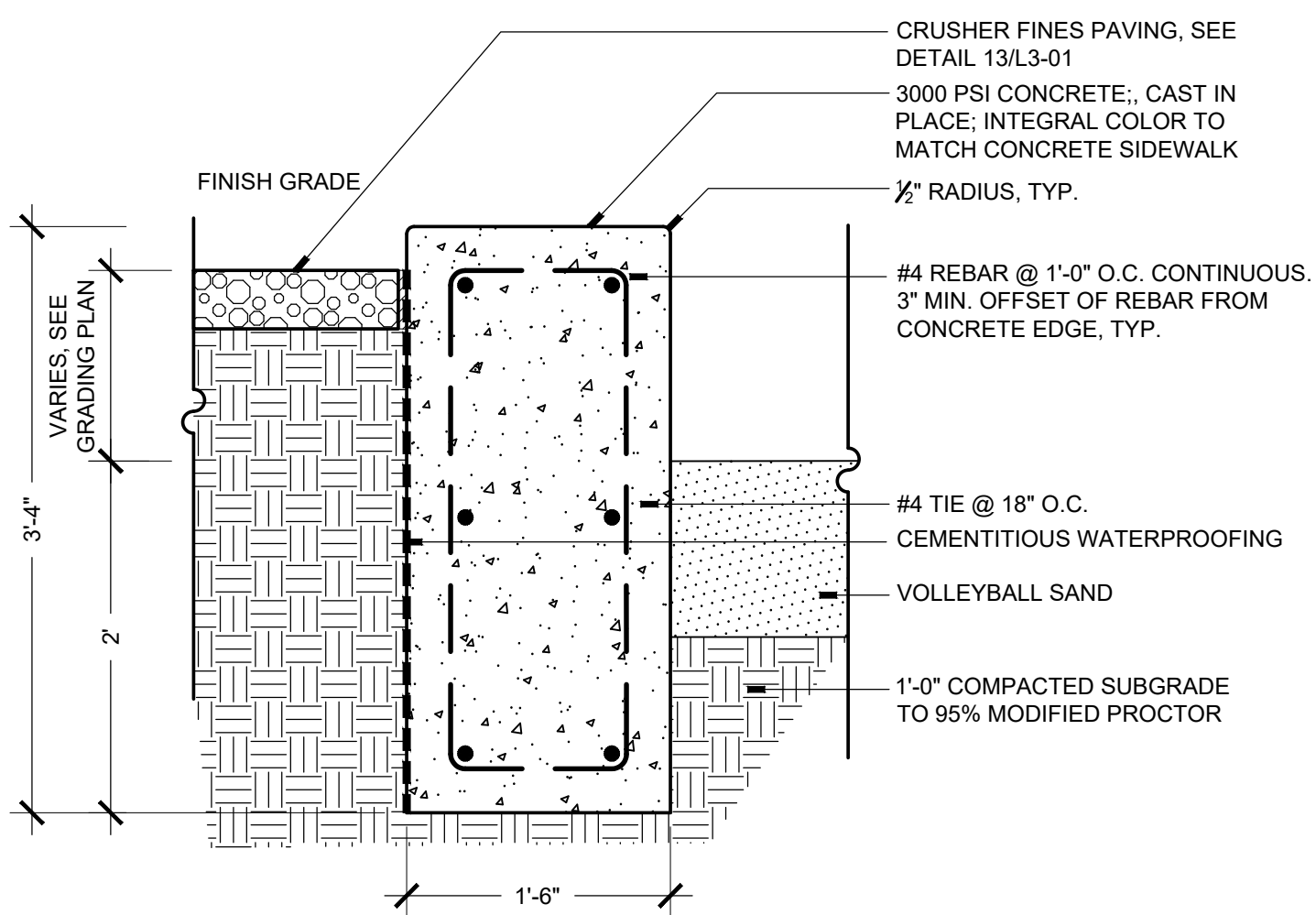
6 CONCRETE HEADER CURB
SCALE: 1"=1'-0" SECTION



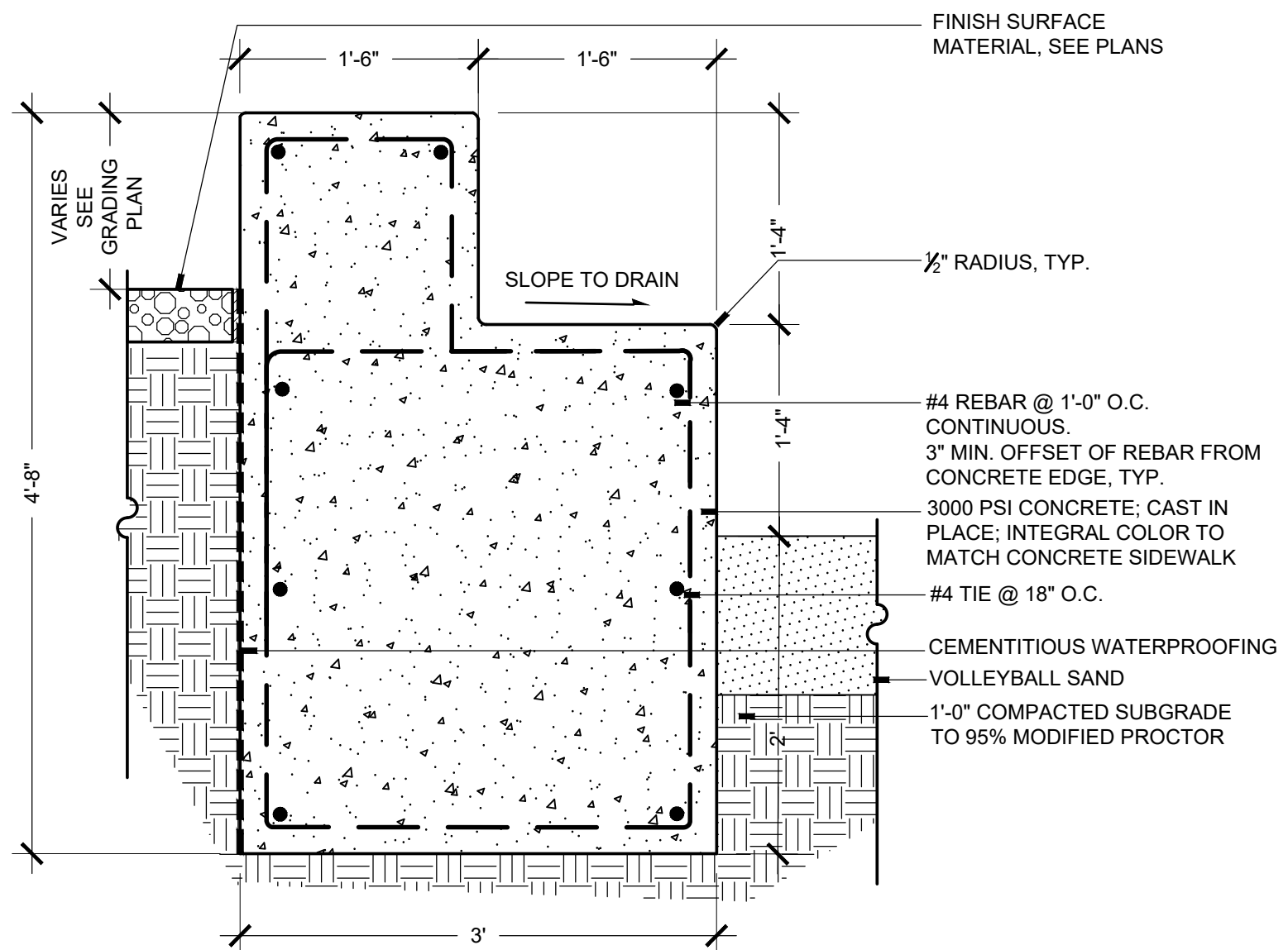
7 CONCRETE TURN-DOWN EDGE
SCALE: 1"=1'-0" SECTION



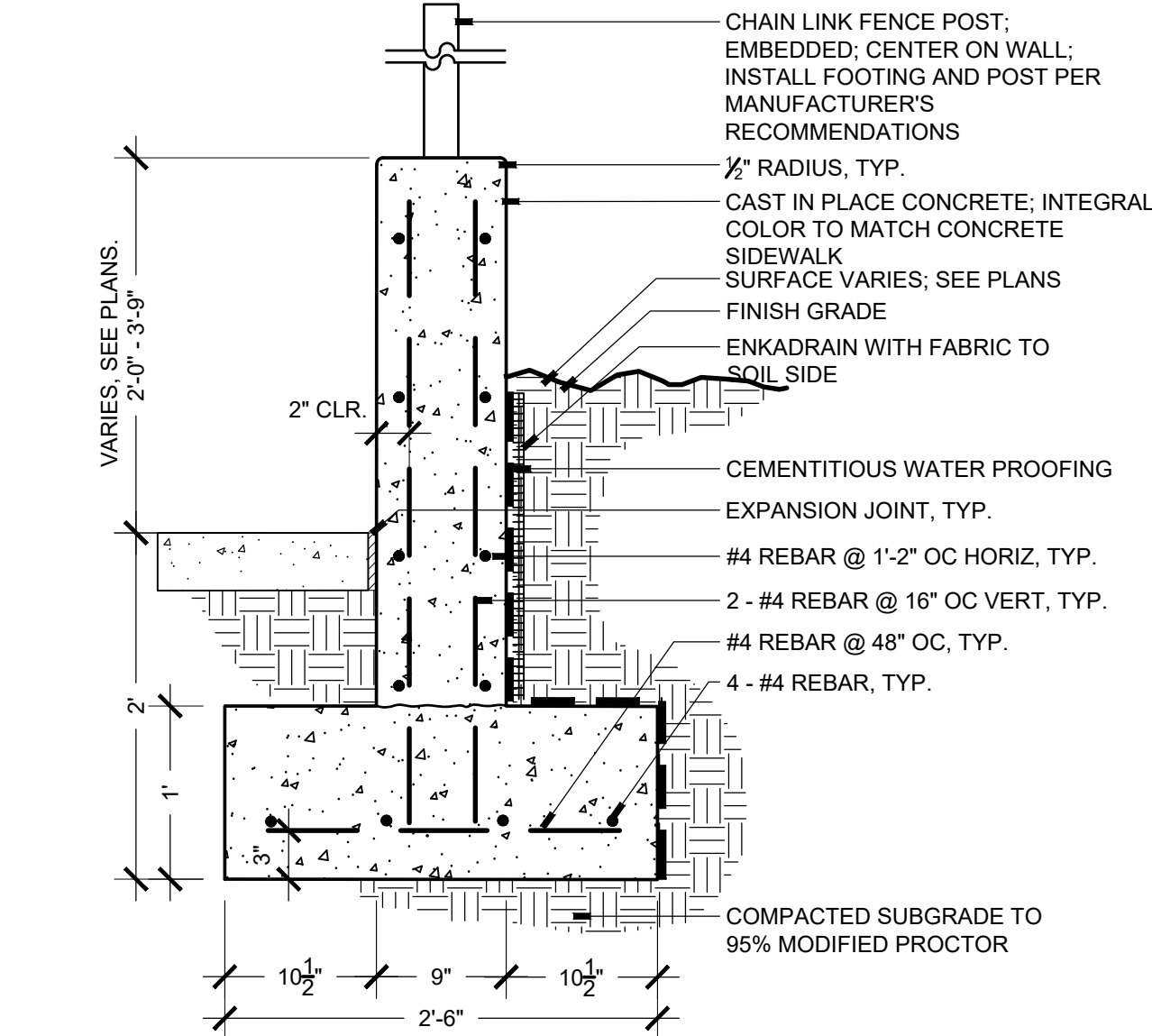
8 CONCRETE MOW CURB
SCALE: 1"=1'-0" SECTION



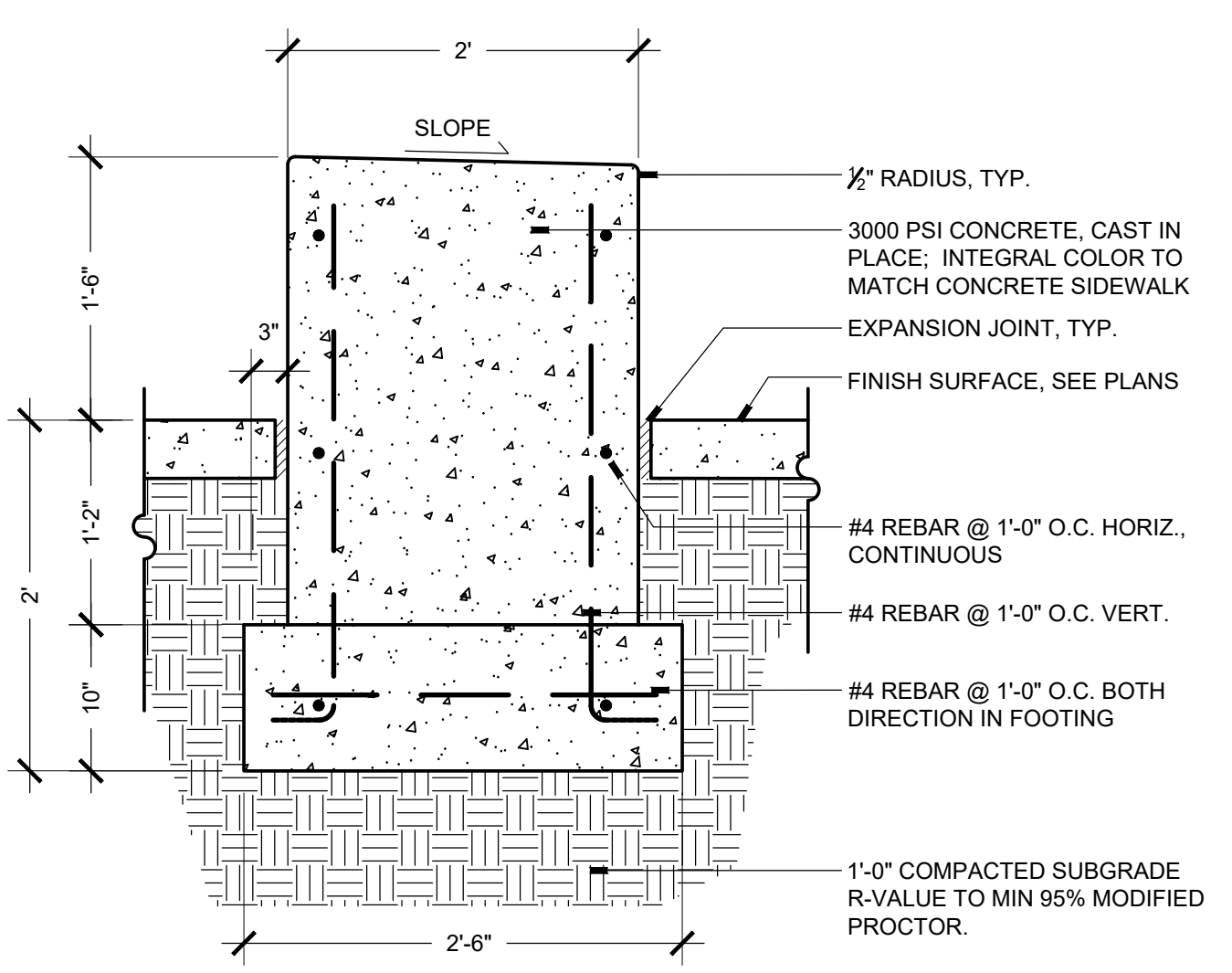
9 SEAT WALL - SINGLE
SCALE: 1"=1'-0" SECTION



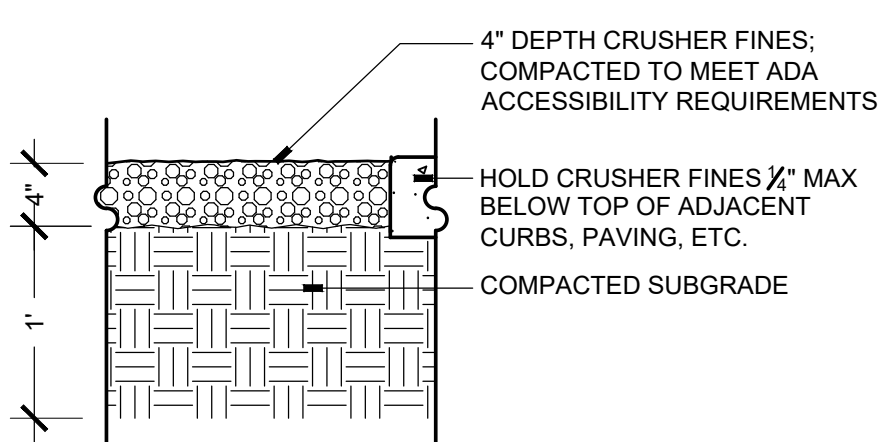
10 SEAT WALL - DOUBLE
SCALE: 1"=1'-0" SECTION



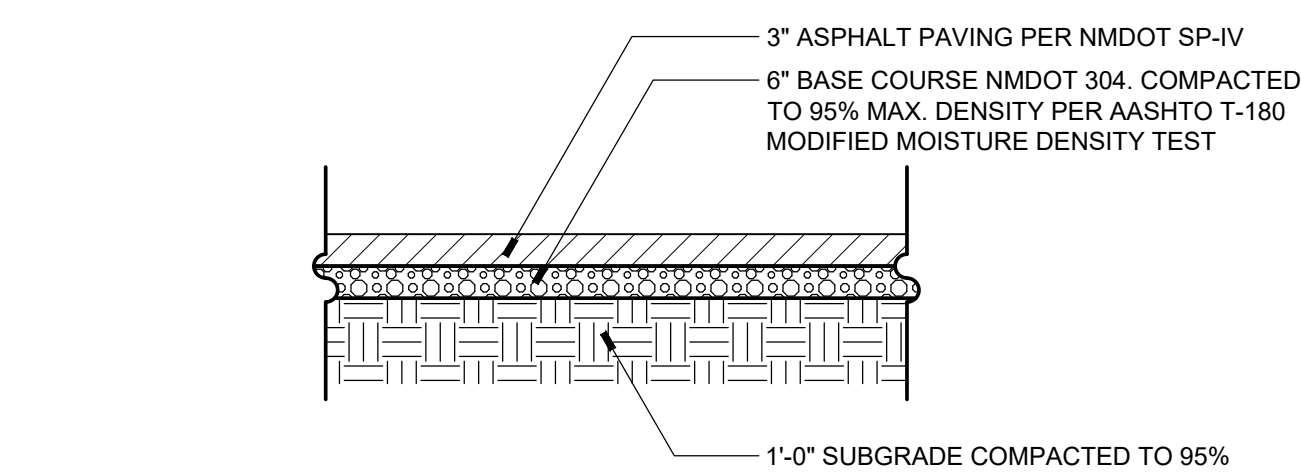
11 CONCRETE RETAINING WALL
SCALE: 1"=1'-0" SECTION



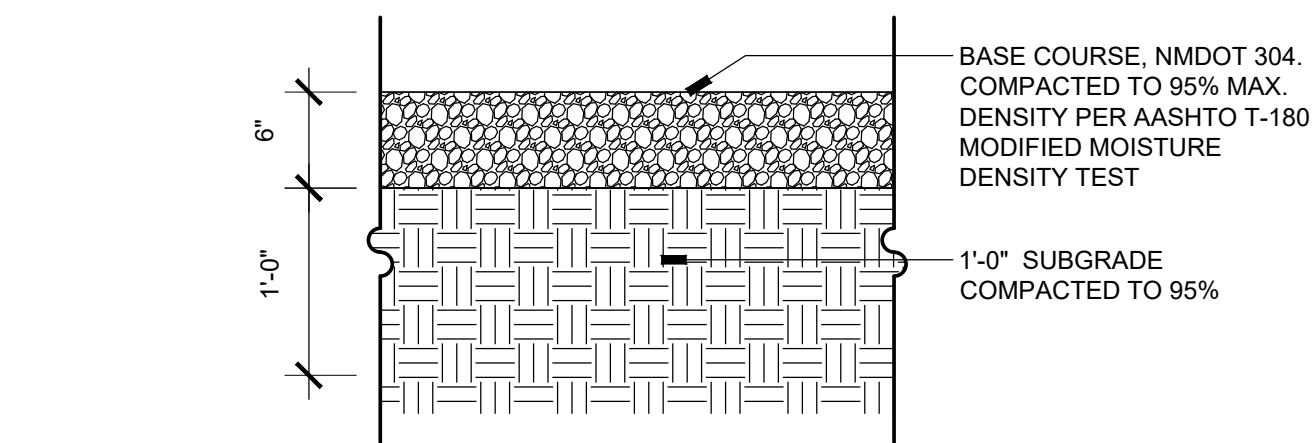
12 CONCRETE BENCH
SCALE: 1"=1'-0" SECTION



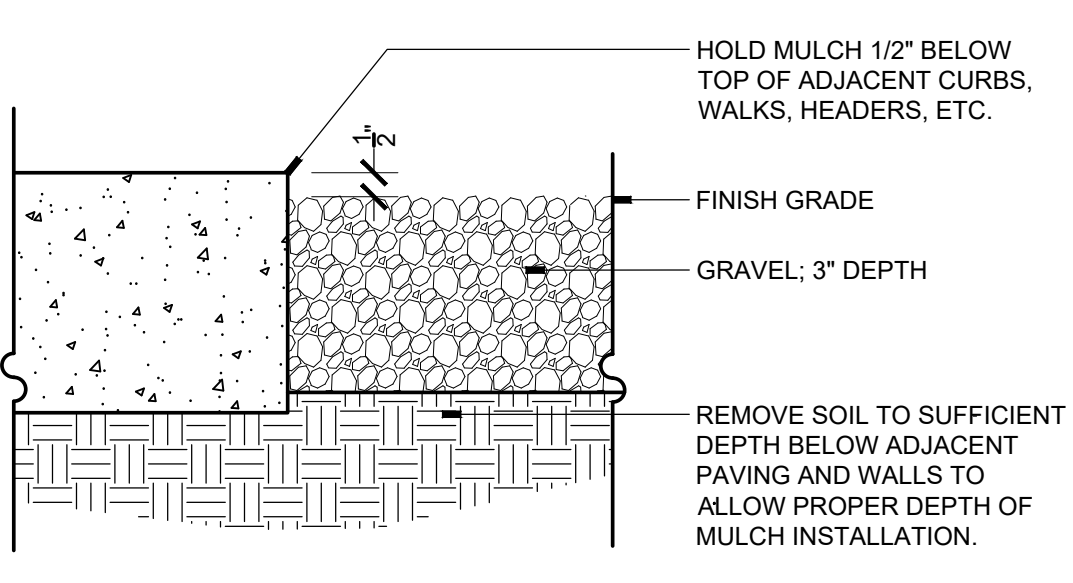
13 CRUSHER FINES PAVING
SCALE: 1"=1'-0" SECTION



14 ASPHALT PAVING SECTION
SCALE: 1/2"=1'-0" SECTION



15 ROADWAY SECTION
SCALE: 1"=1'-0" SECTION



16 GRAVEL MULCH
SCALE: 3"=1'-0" SECTION

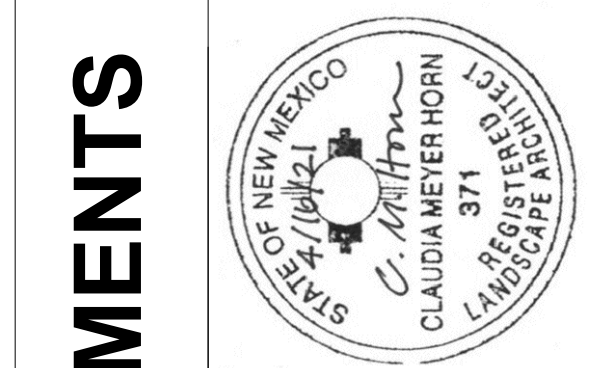
REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t. 505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t. 303.960.5327
www.hydrosyskdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com

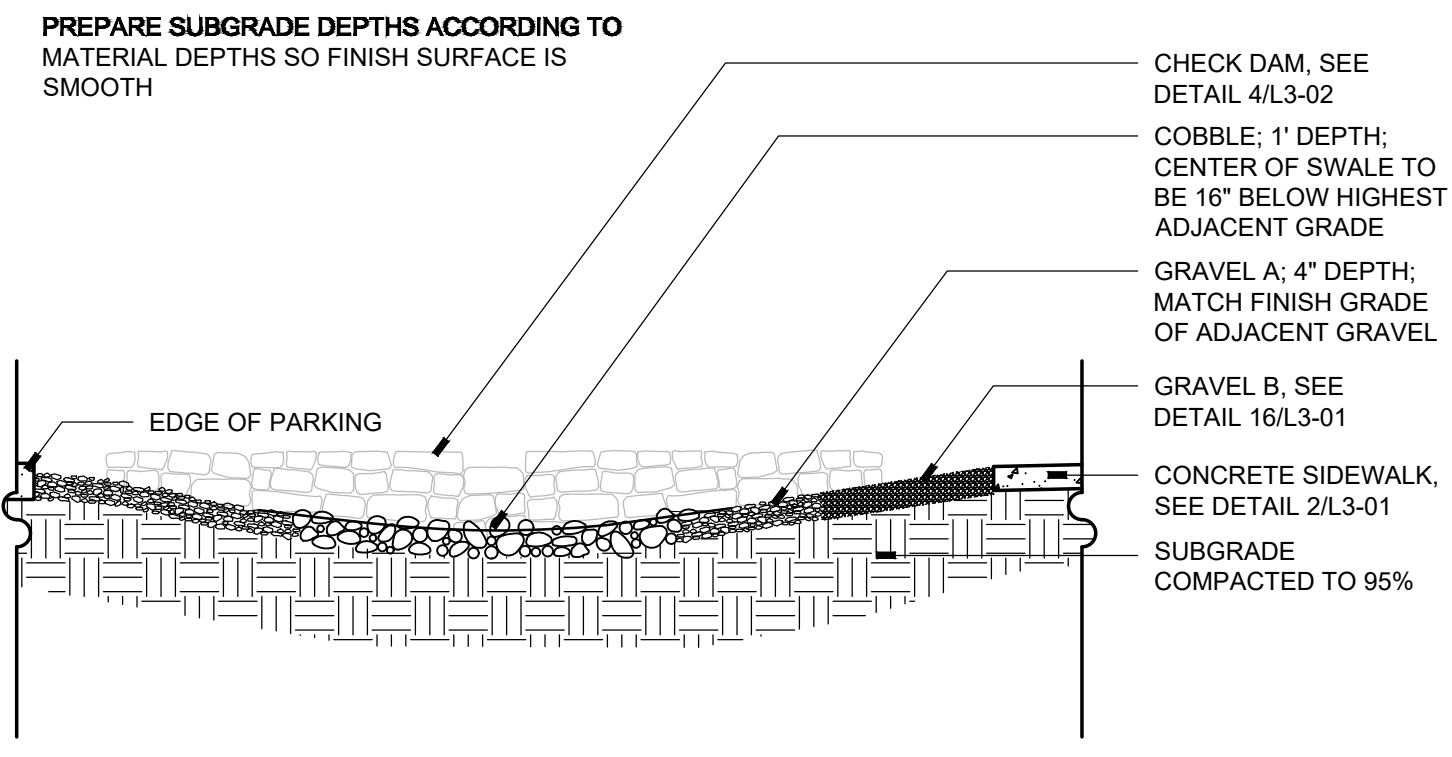


ROMERO PARK - SITE IMPROVEMENTS

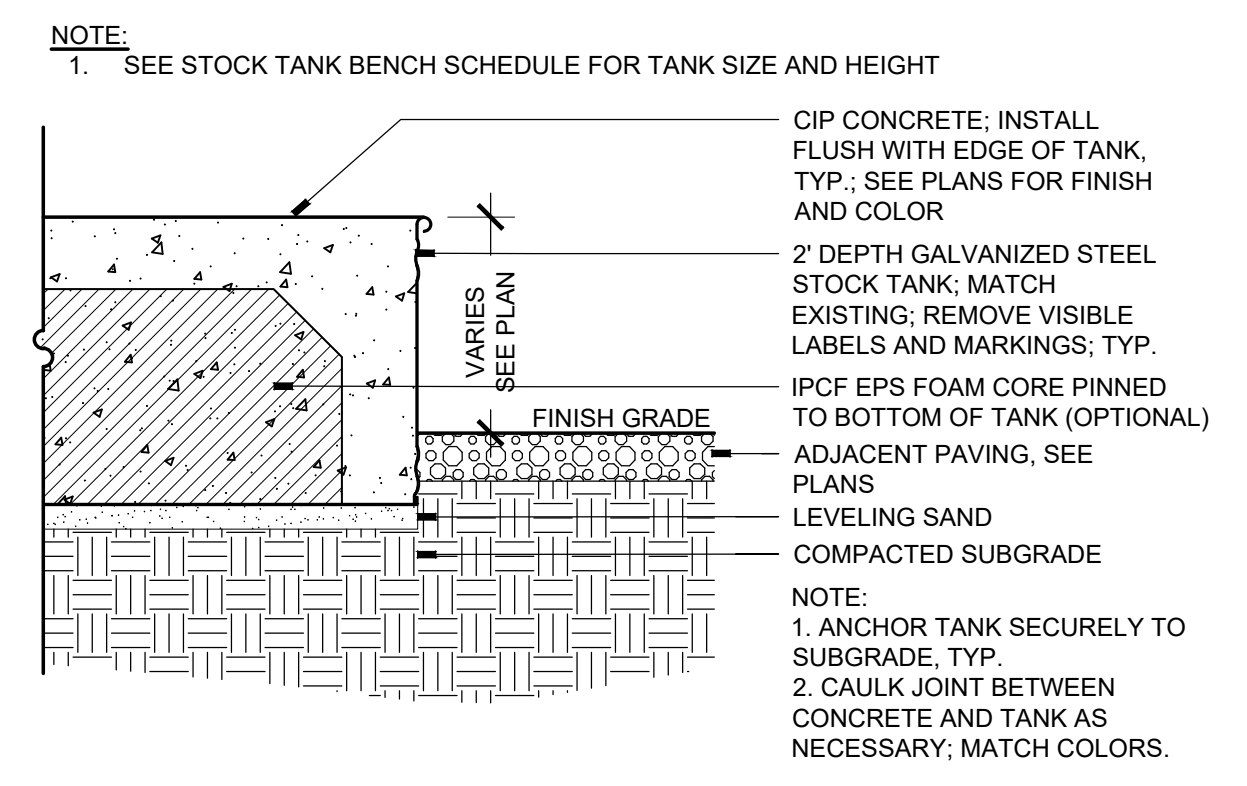
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

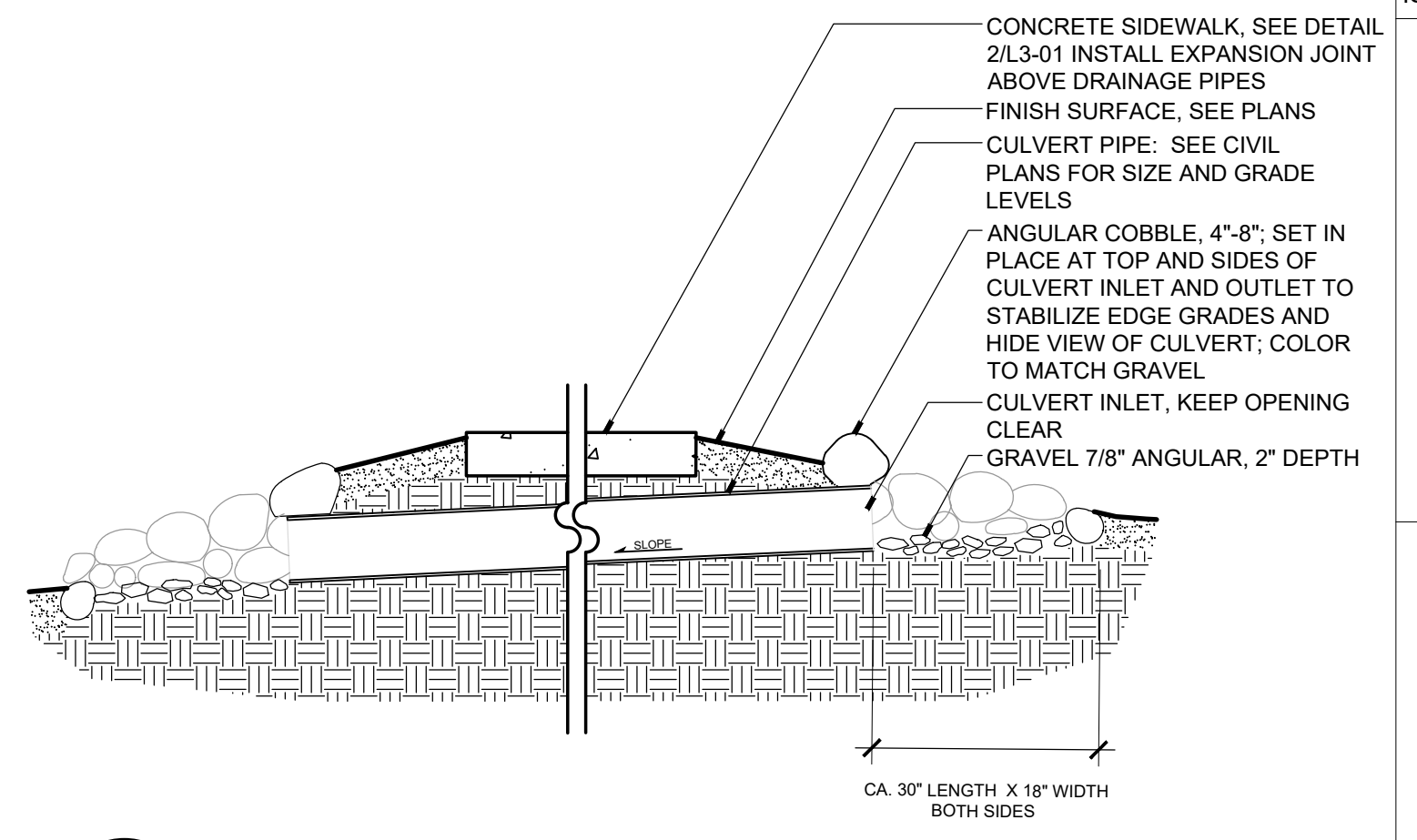
DRAWN BY CH	DATE April 16, 2021
SHEET TITLE SITE DETAILS	
SHEET NUMBER L3-01	



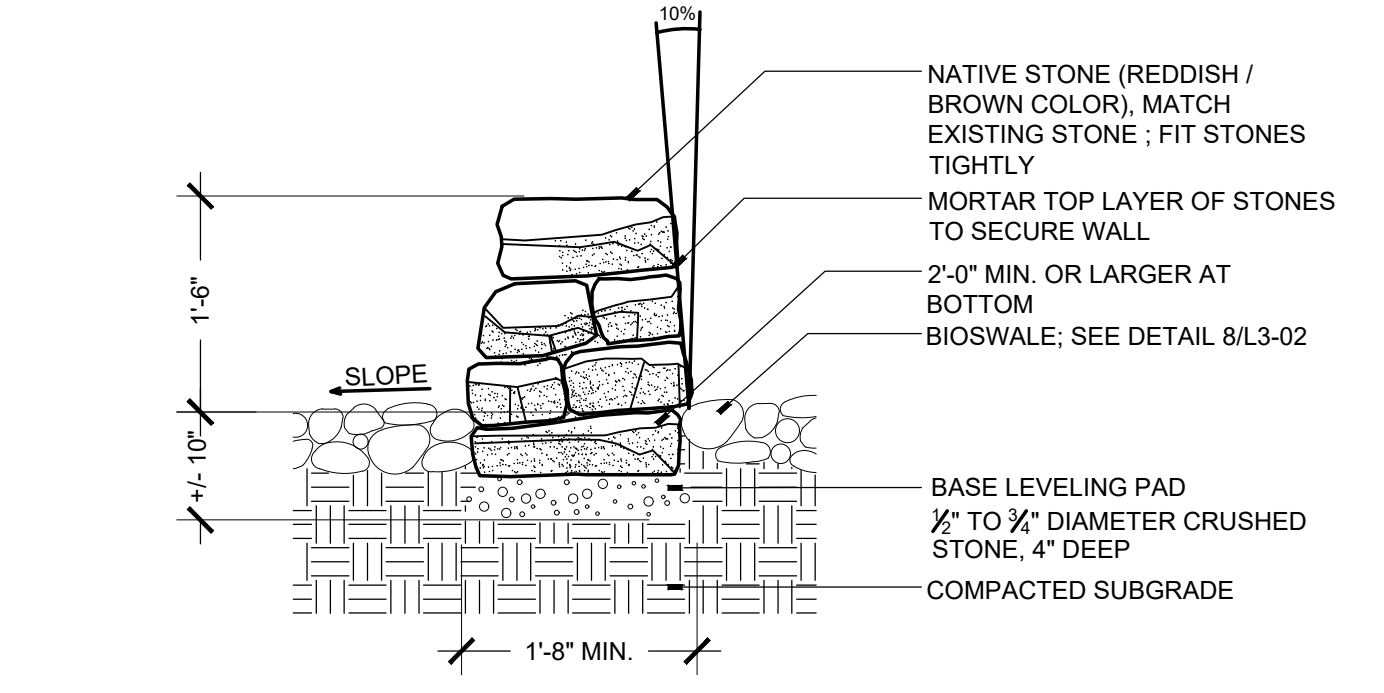
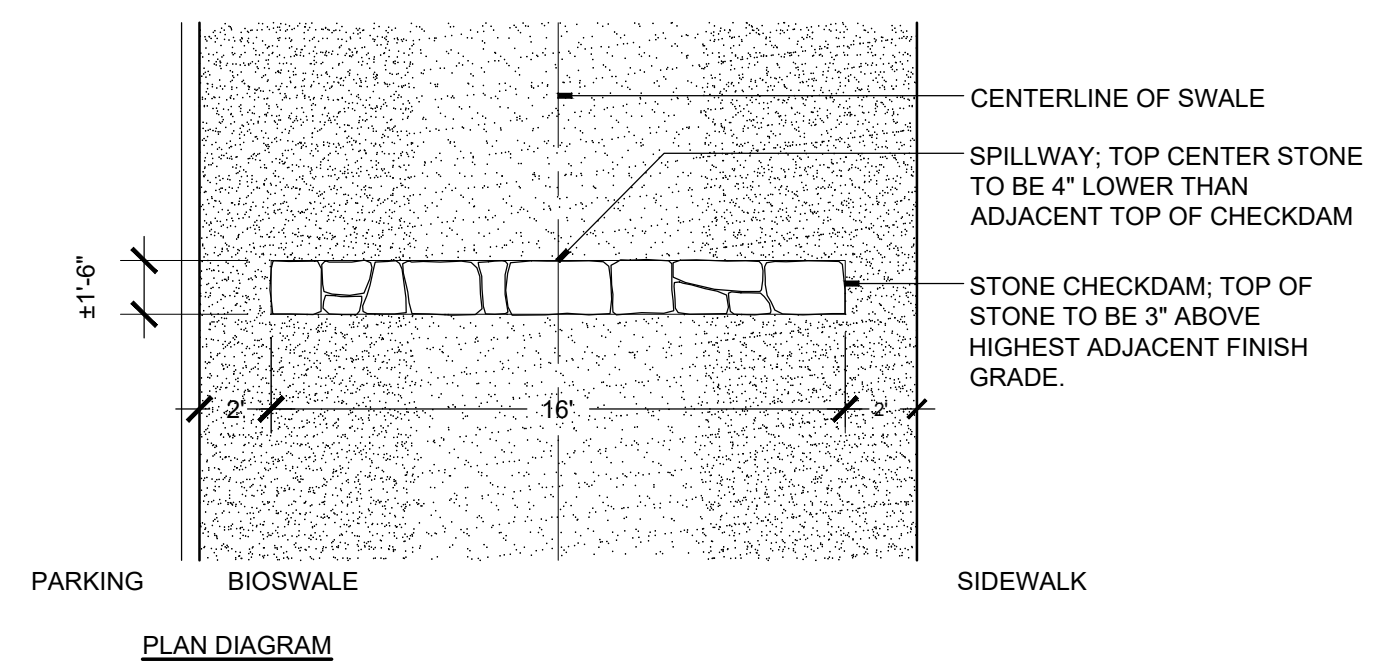
1 BIOSWALE
SCALE: 1/4"=1'-0"
SECTION



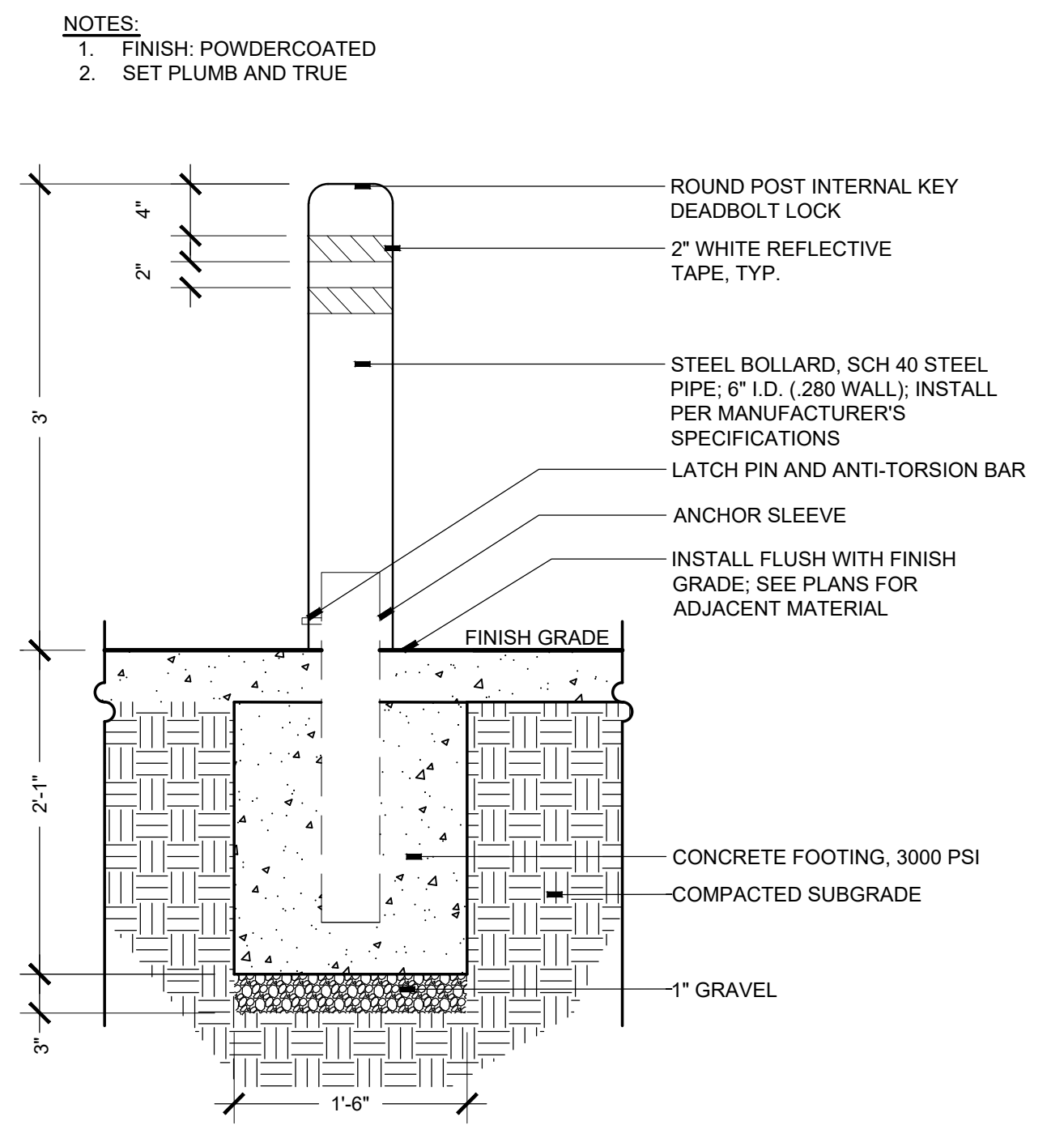
2 STOCK TANK BENCH
SCALE: 3/4"=1'-0"
SECTION



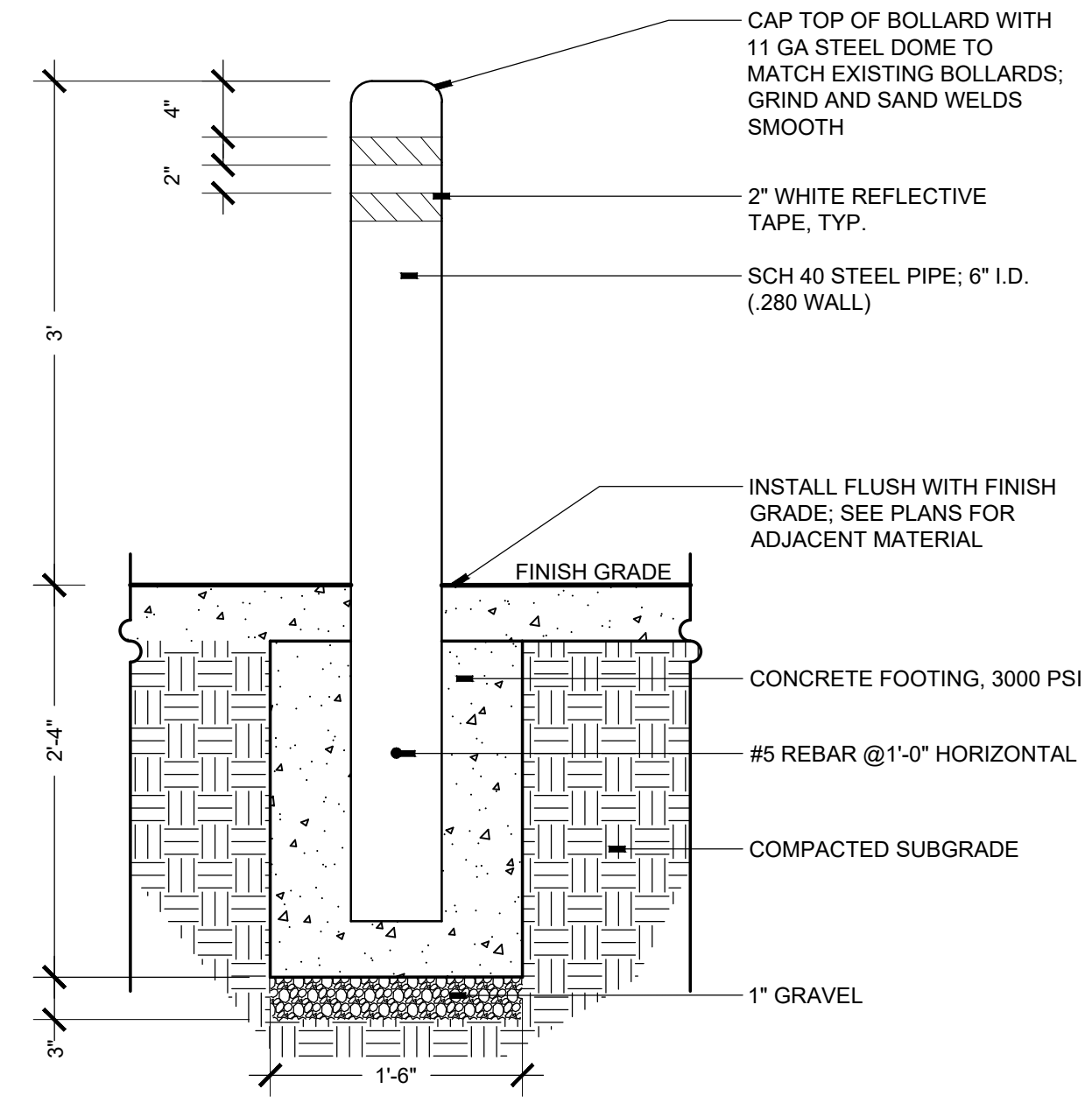
3 CULVERT PIPE
SCALE: 3/4"=1'-0"
SECTION



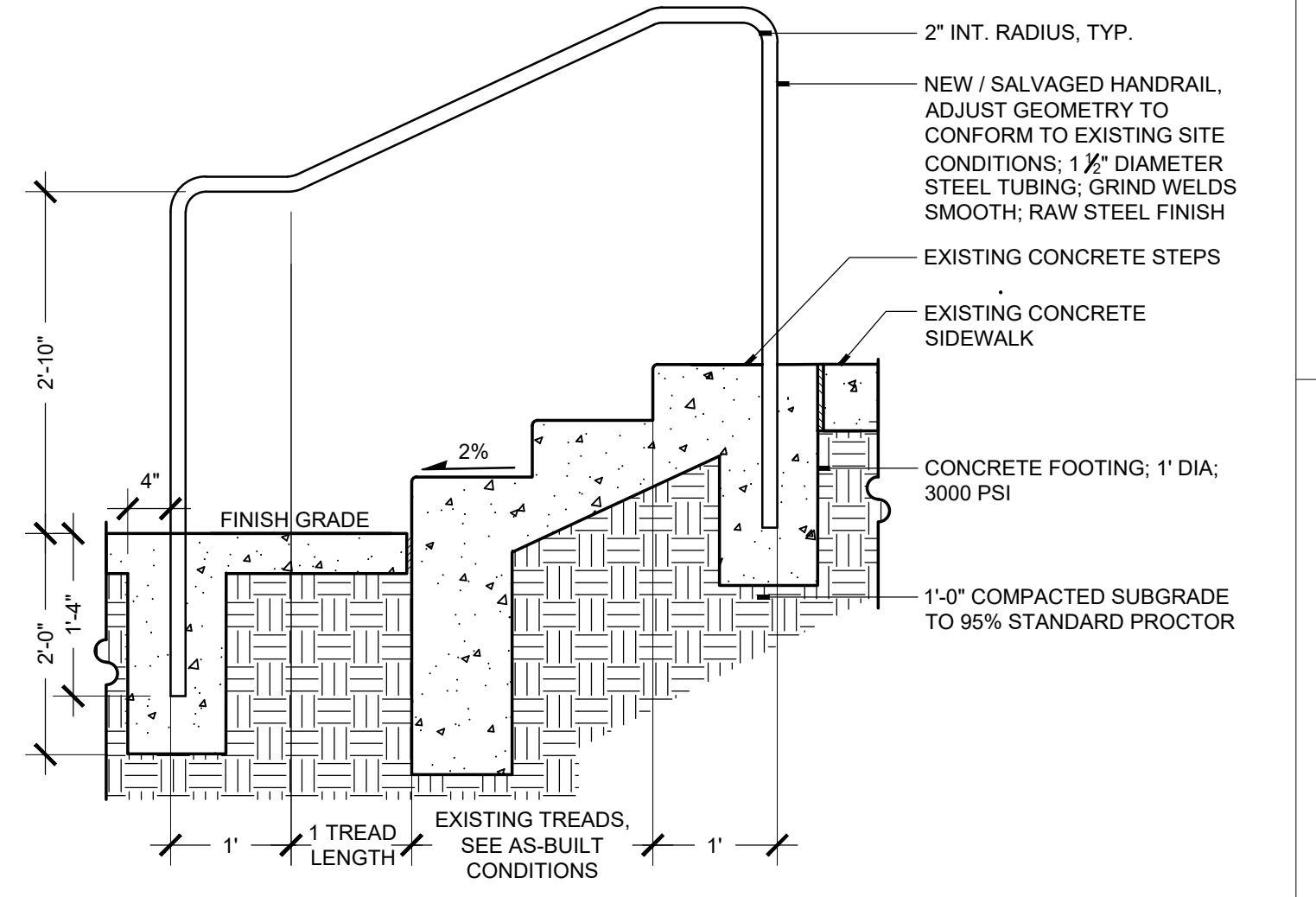
4 CHECK DAM
SCALE: 3/4"=1'-0"
SECTION



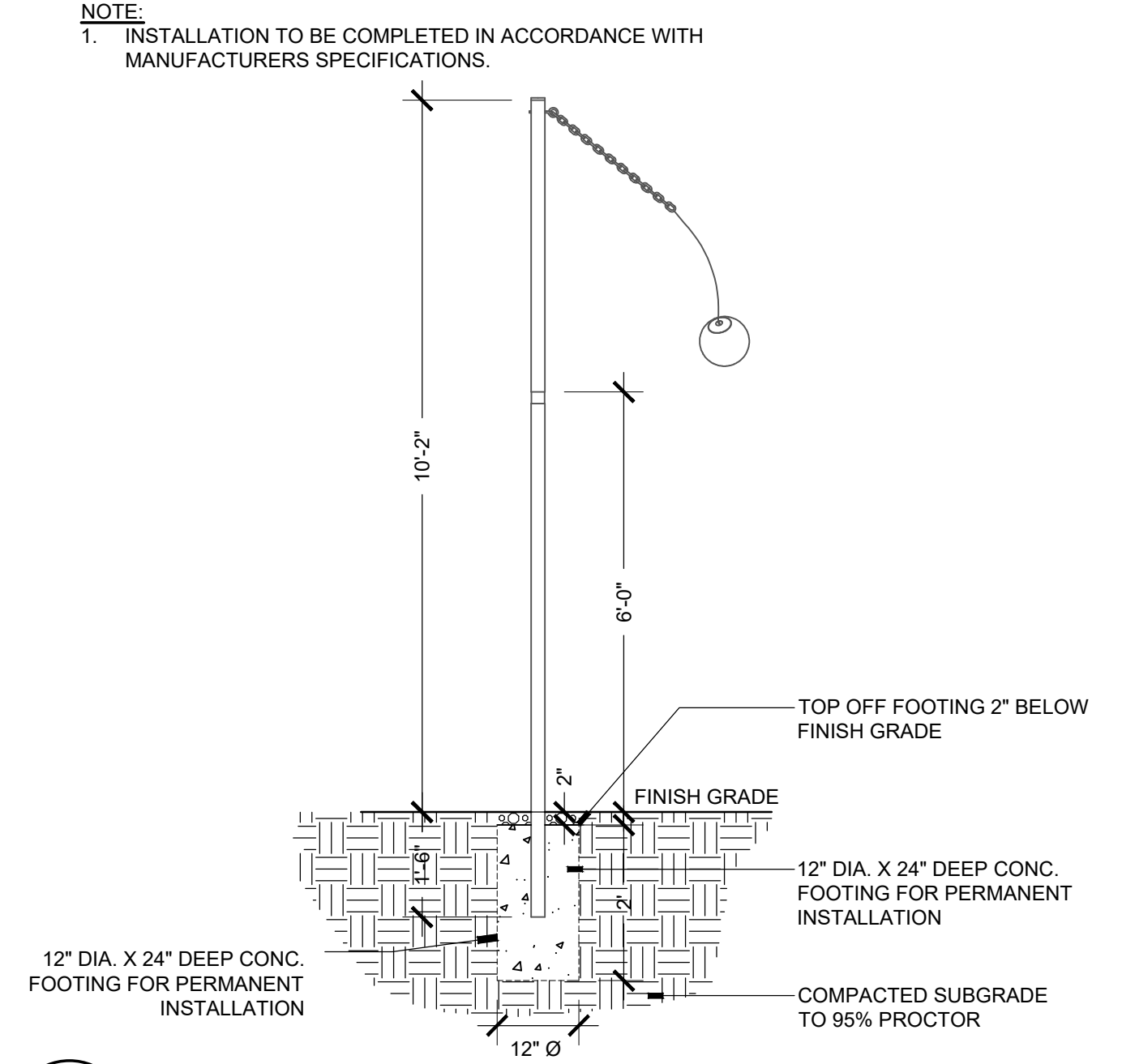
5 BOLLARD - REMOVEABLE
SCALE: 1"=1'-0"
SECTION



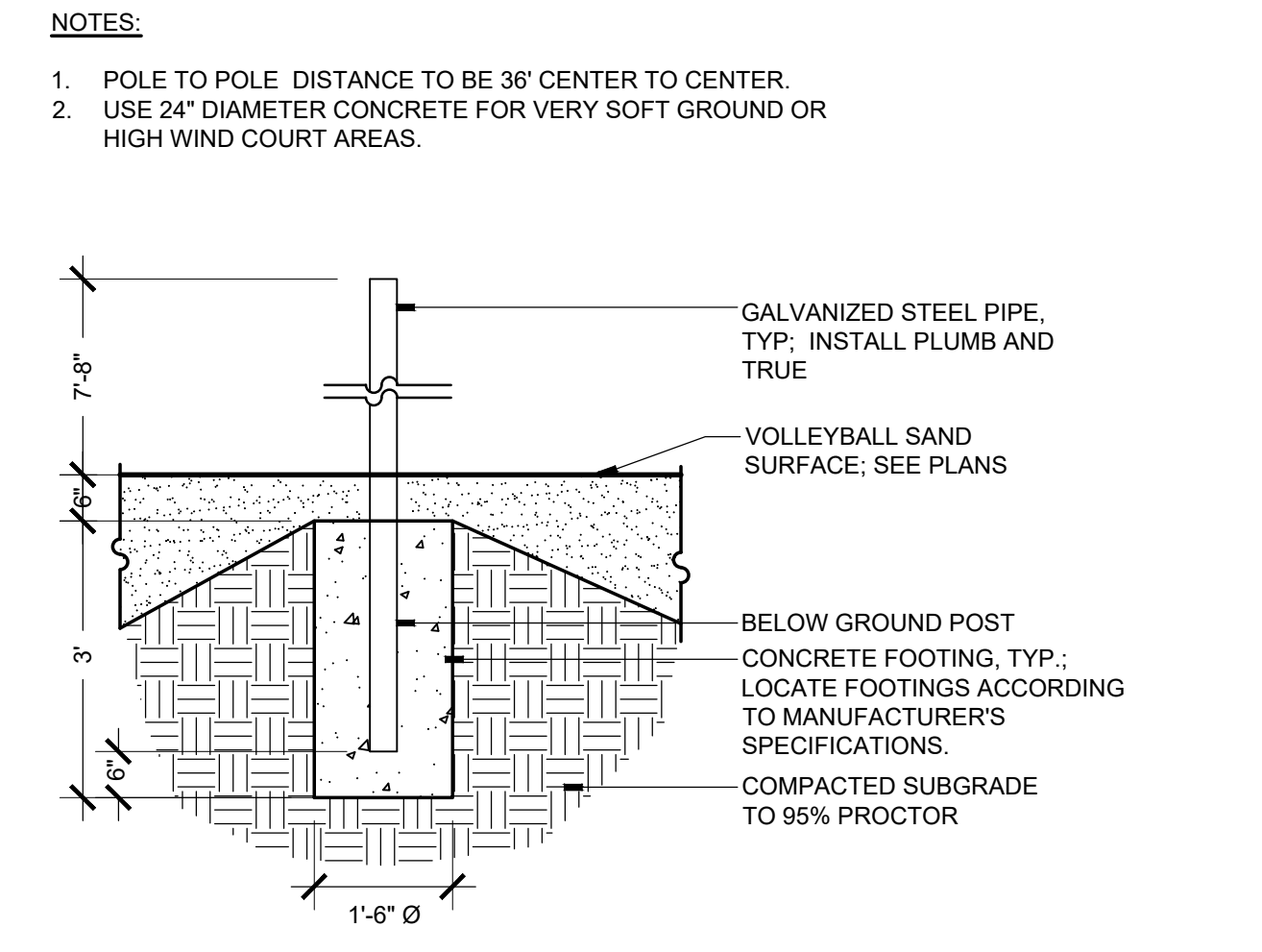
6 BOLLARD - FIXED
SCALE: 1"=1'-0"
SECTION



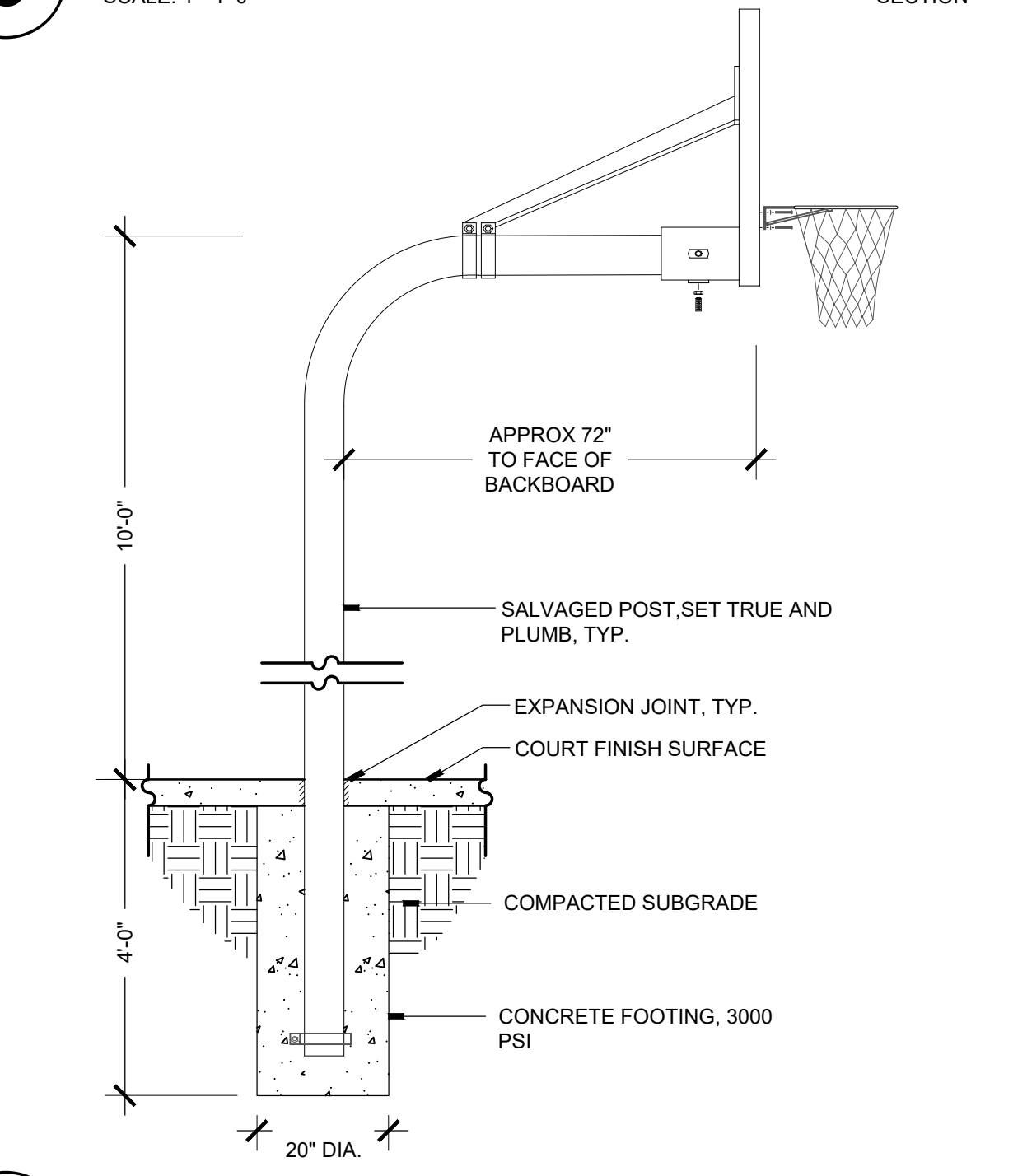
7 HANDRAIL
SCALE: 3/4"=1'-0"
SECTION



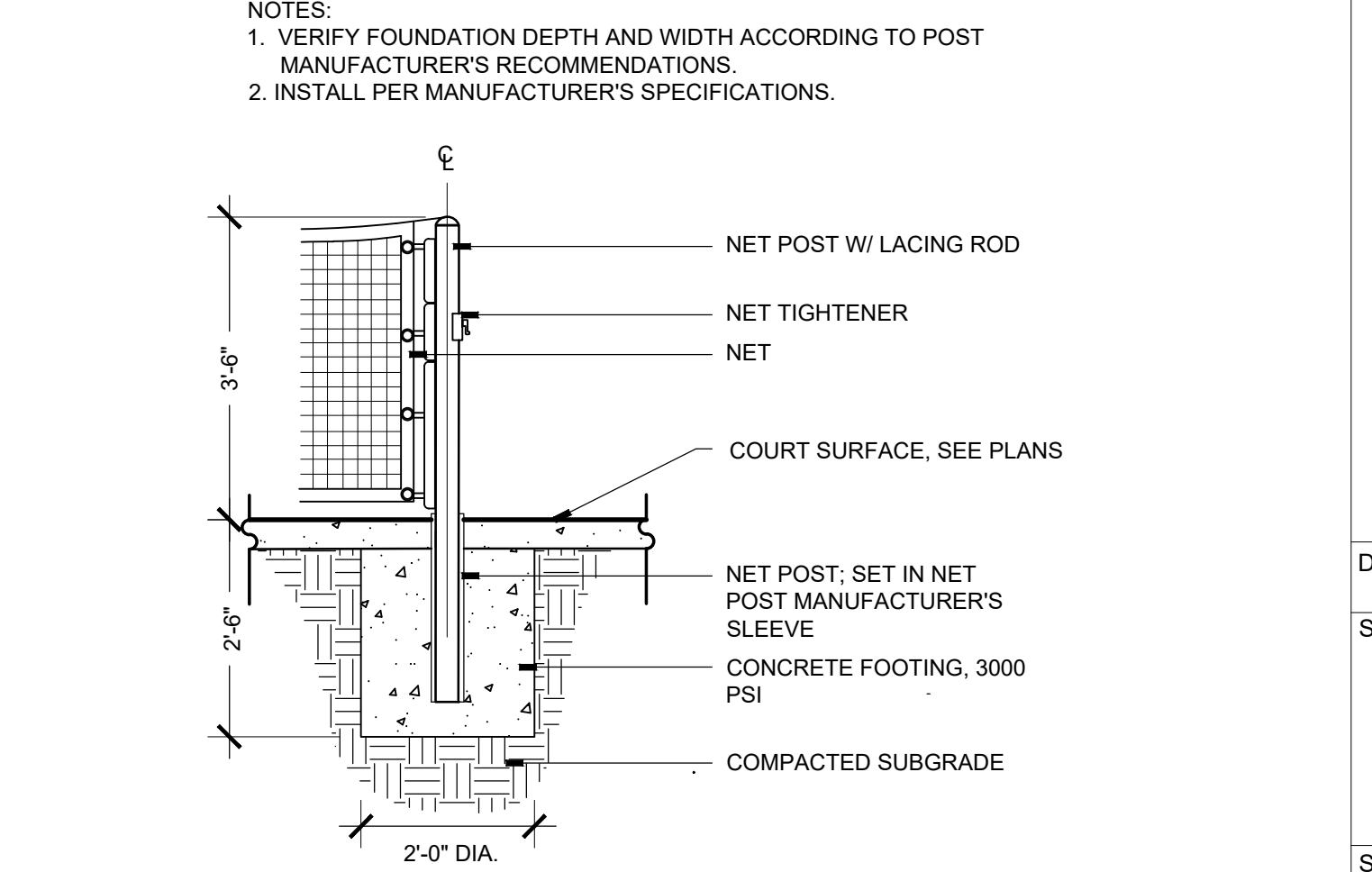
8 TETHERBALL
SCALE: 1/2"=1'-0"
SECTION



9 VOLLEYBALL NET POST
SCALE: 1/2"=1'-0"
SECTION



10 BASKETBALL HOOP POST
SCALE: 1/2"=1'-0"
SECTION



11 TENNIS/PICKLEBALL NET POST
SCALE: 1/2"=1'-0"
SECTION

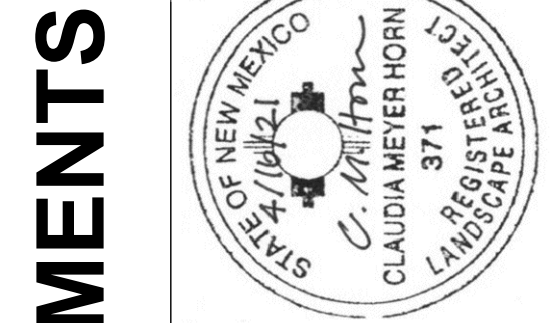
REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t. 505.969.9557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9954
t. 303.960.5327
www.hydroscapes.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com

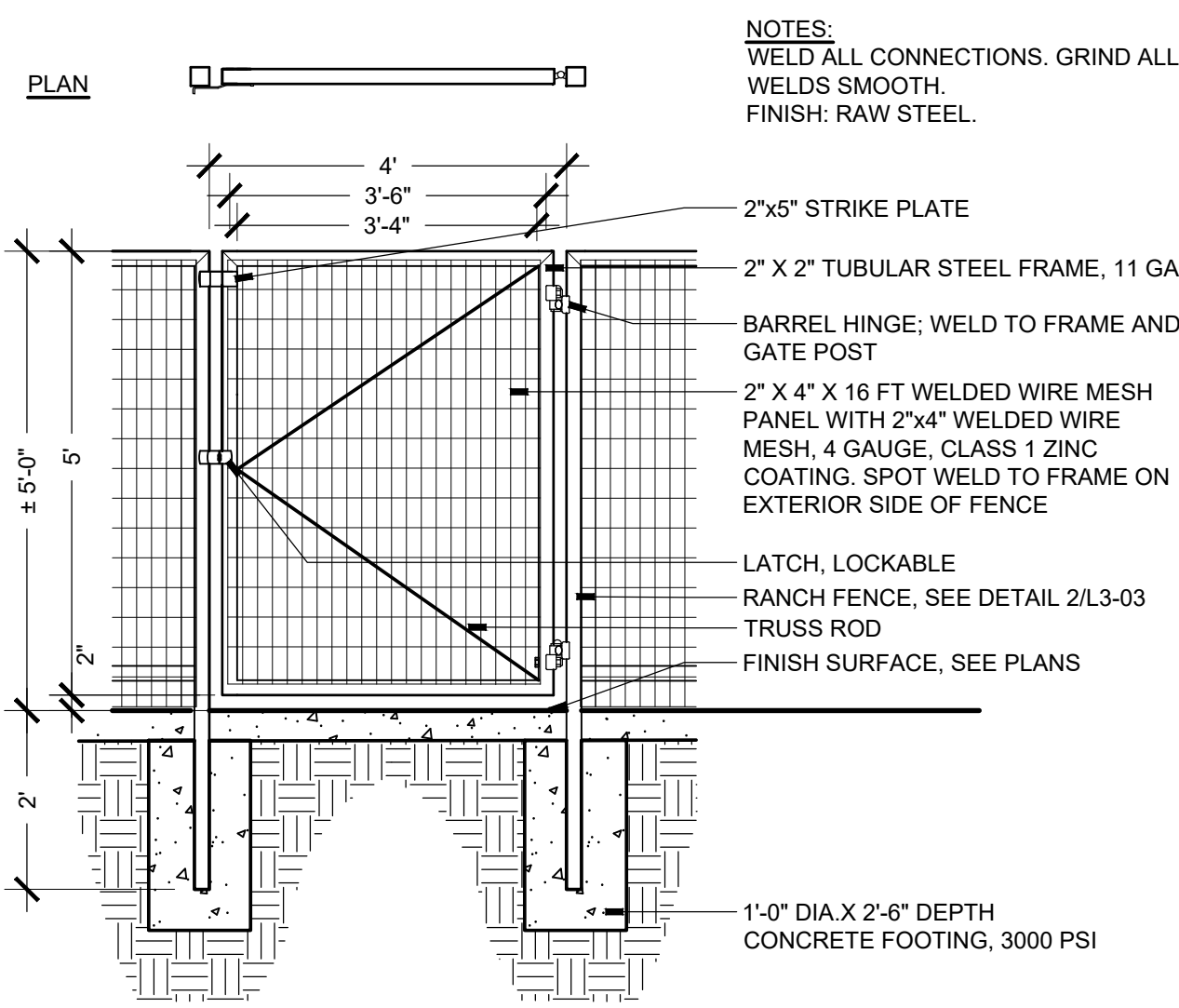


ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

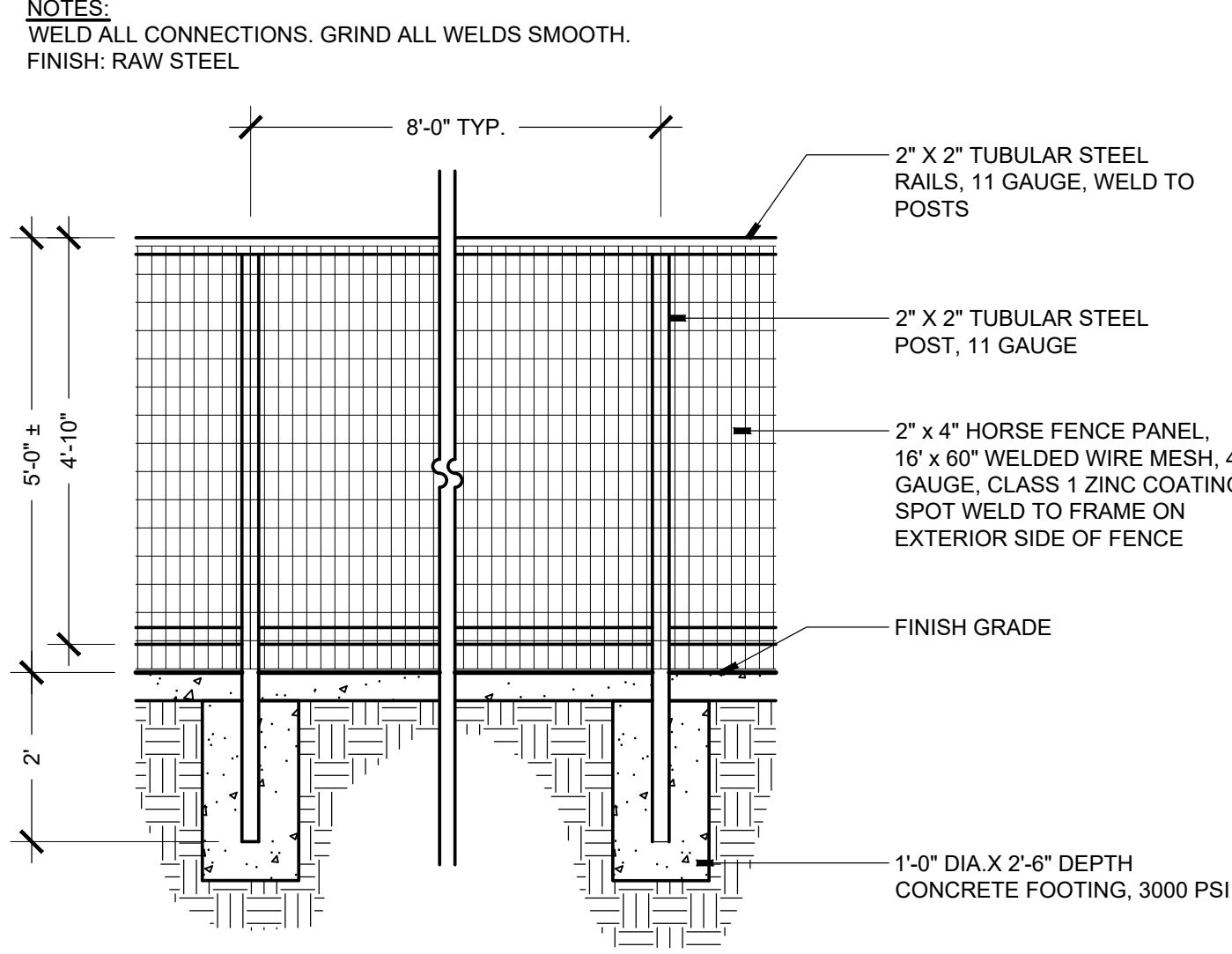
2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY	CH	DATE	April 16, 2021
SHEET TITLE			
SITE DETAILS			
SHEET NUMBER			
L3-02			



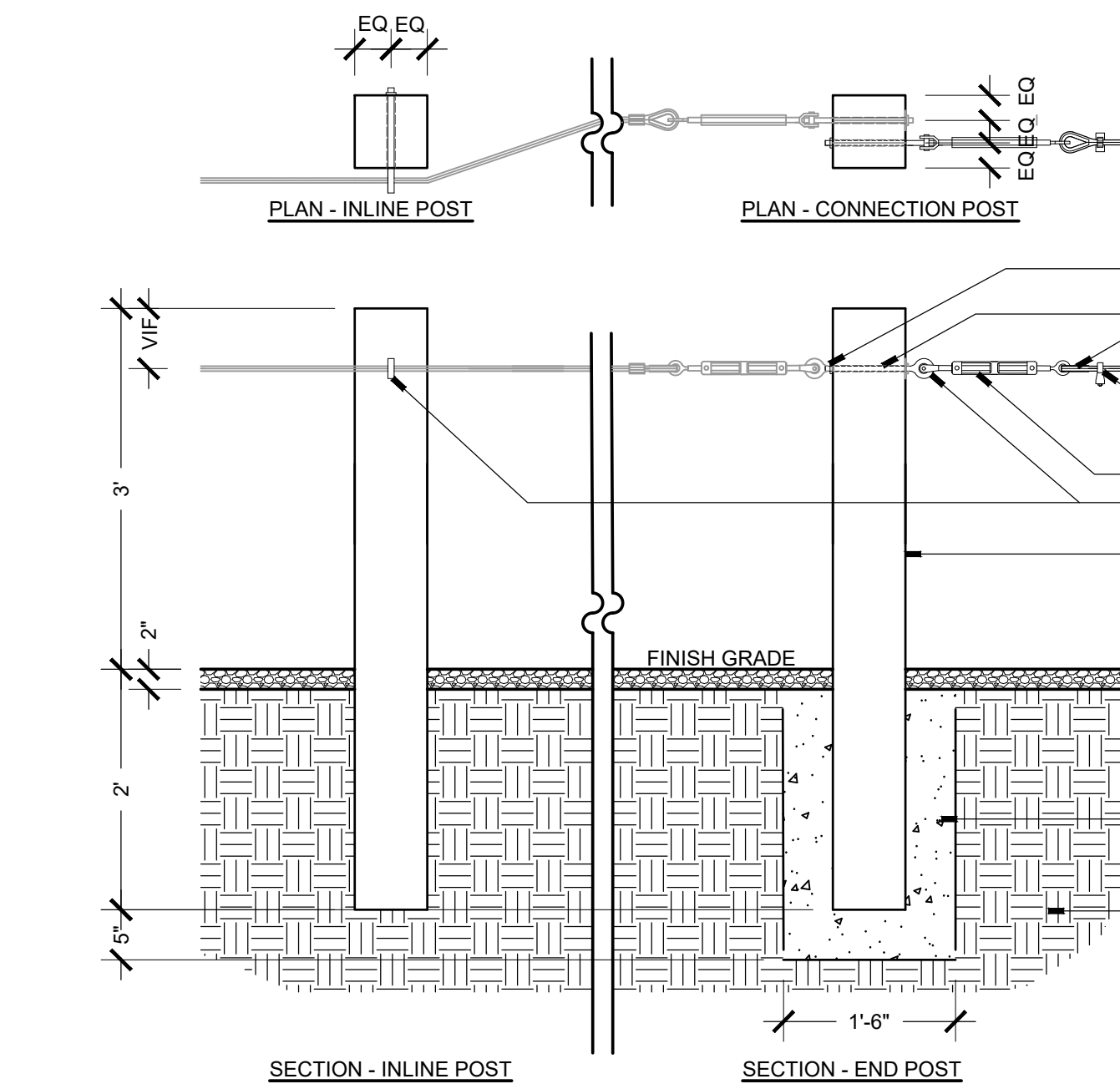
1 RANCH FENCE - GATE

SCALE: 1/2"=1'-0"



2 RANCH FENCE

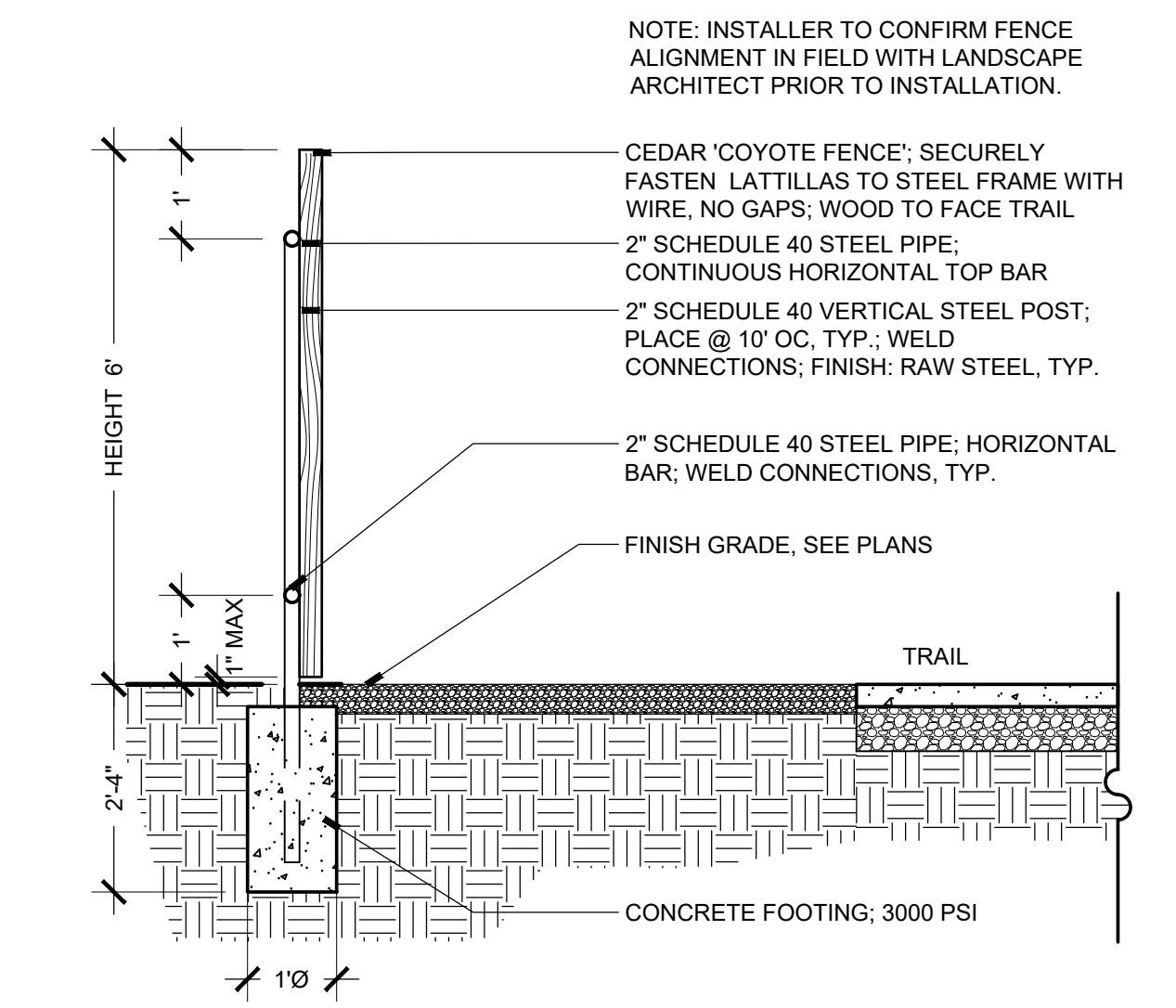
SCALE: 1/2"=1'-0"



3 POST AND CABLE FENCE

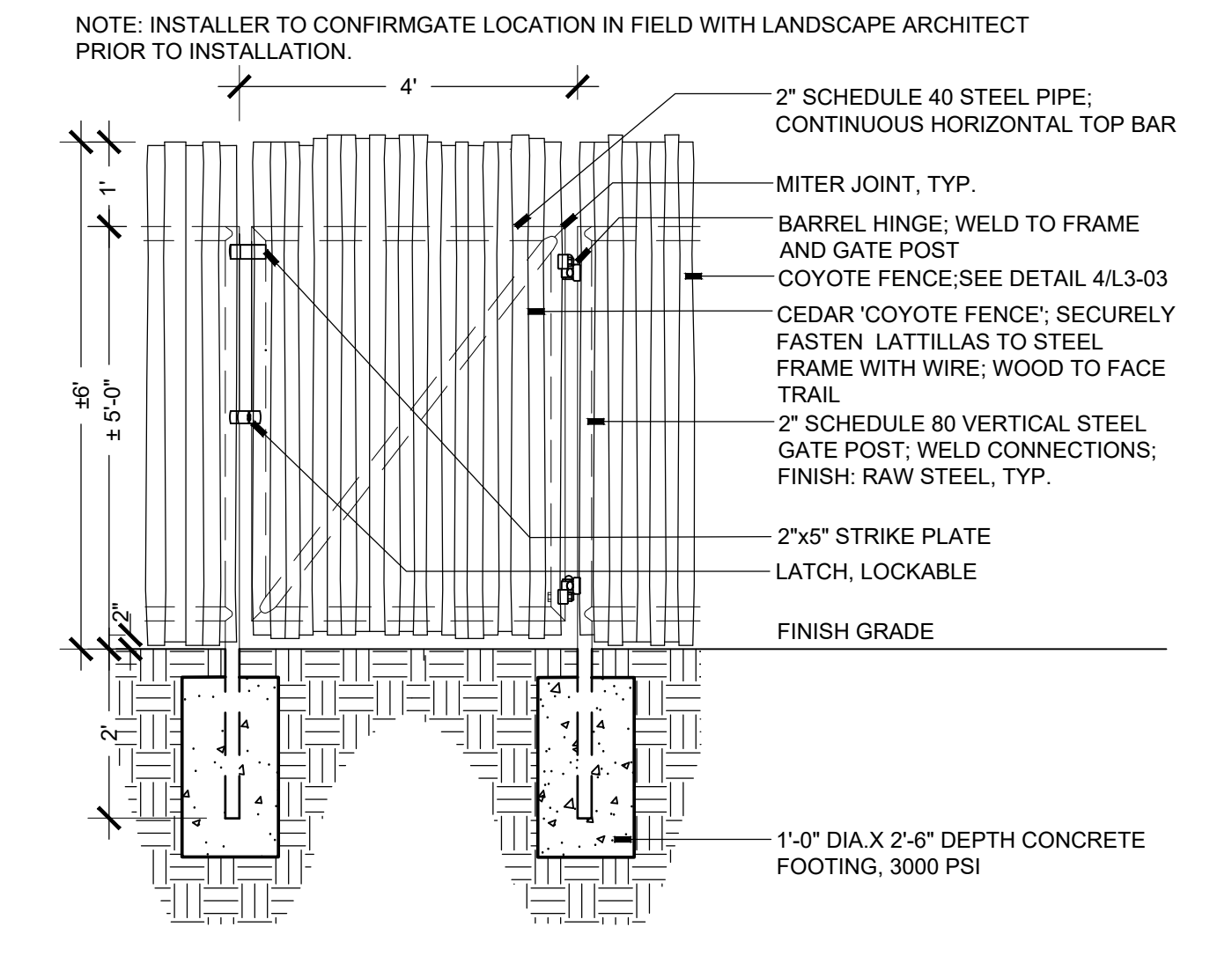
SCALE: 3/4"=1'-0"

- FENCE INSTALLATION NOTES**
1. INSTALL POSTS PLUMB AND TRUE; TOPS TO BE SMOOTH AND LEVEL; ALIGN POSTS HORIZONTALLY AND VERTICALLY; VERIFY FINAL FENCE ALIGNMENT AND TOP OF FENCE FINISH ELEVATION IN FIELD WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 2. ALL HARDWARE AND CABLE TO BE GALVANIZED.
 3. 1/2" SAG MAX. BTW POSTS; 100' MAX. CABLE LENGTH.
 4. MATCH LOCATION OF HOLE WITH EXISTING FENCE IN FIELD.
 5. HARDWARE TO BE VANDAL RESISTANT; SPOT WELD OR BURR THREADS TO PREVENT REMOVAL.
 6. HARDWARE SHALL NOT EXTEND INTO WALKING PATH CORRIDOR.



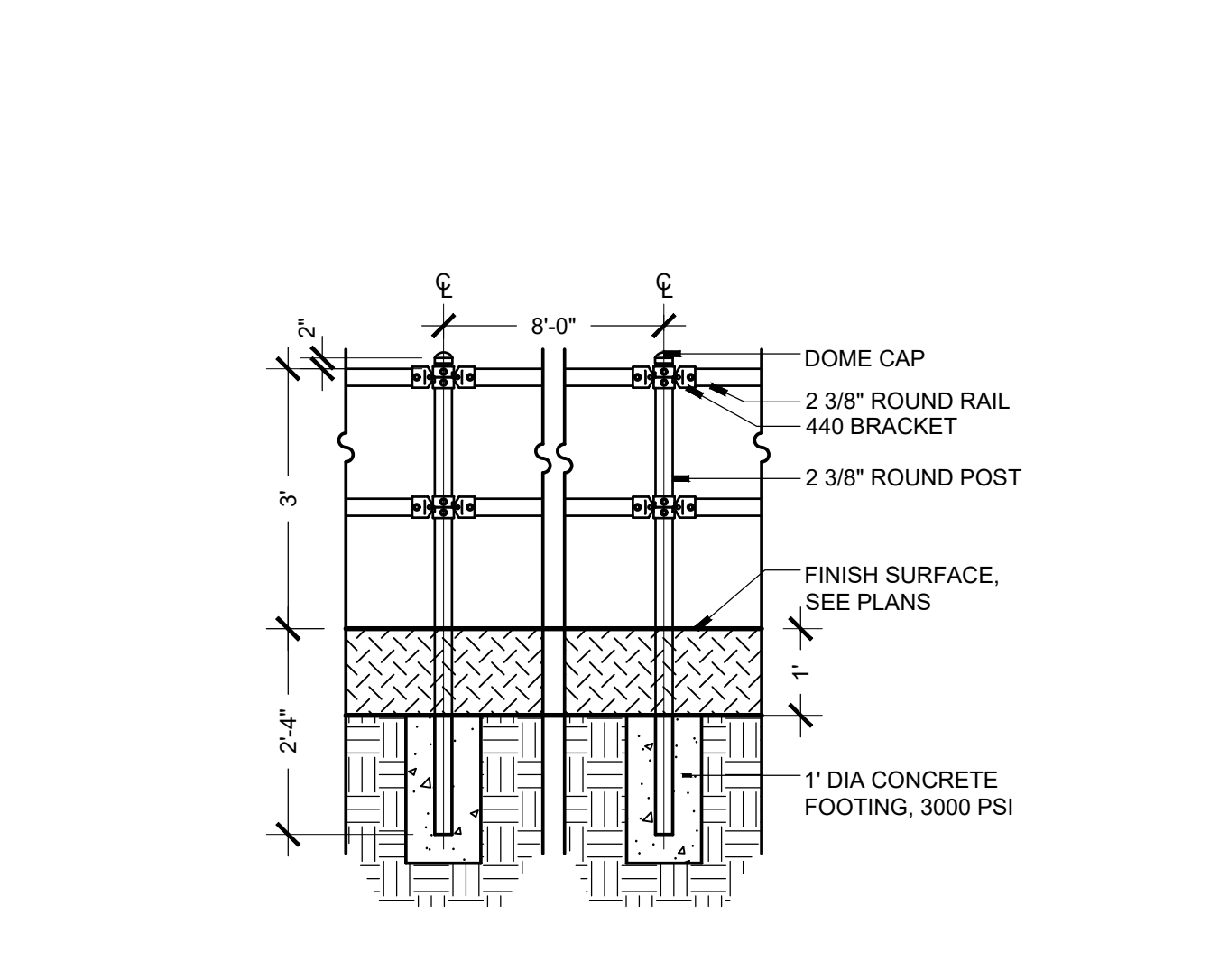
4 COYOTE FENCE

SCALE: 1/2"=1'-0"



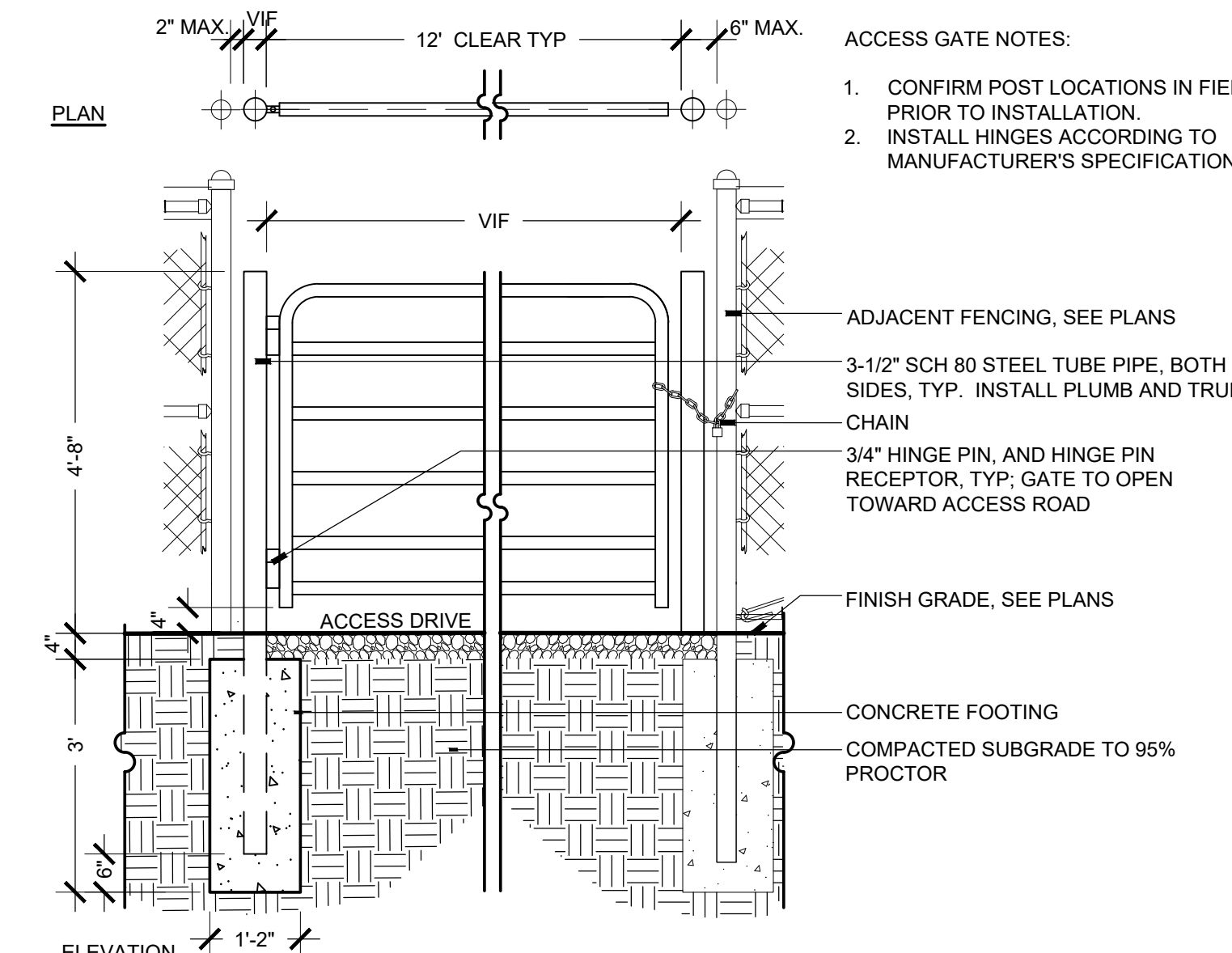
5 COYOTE FENCE - GATE

SCALE: 1/2"=1'-0"



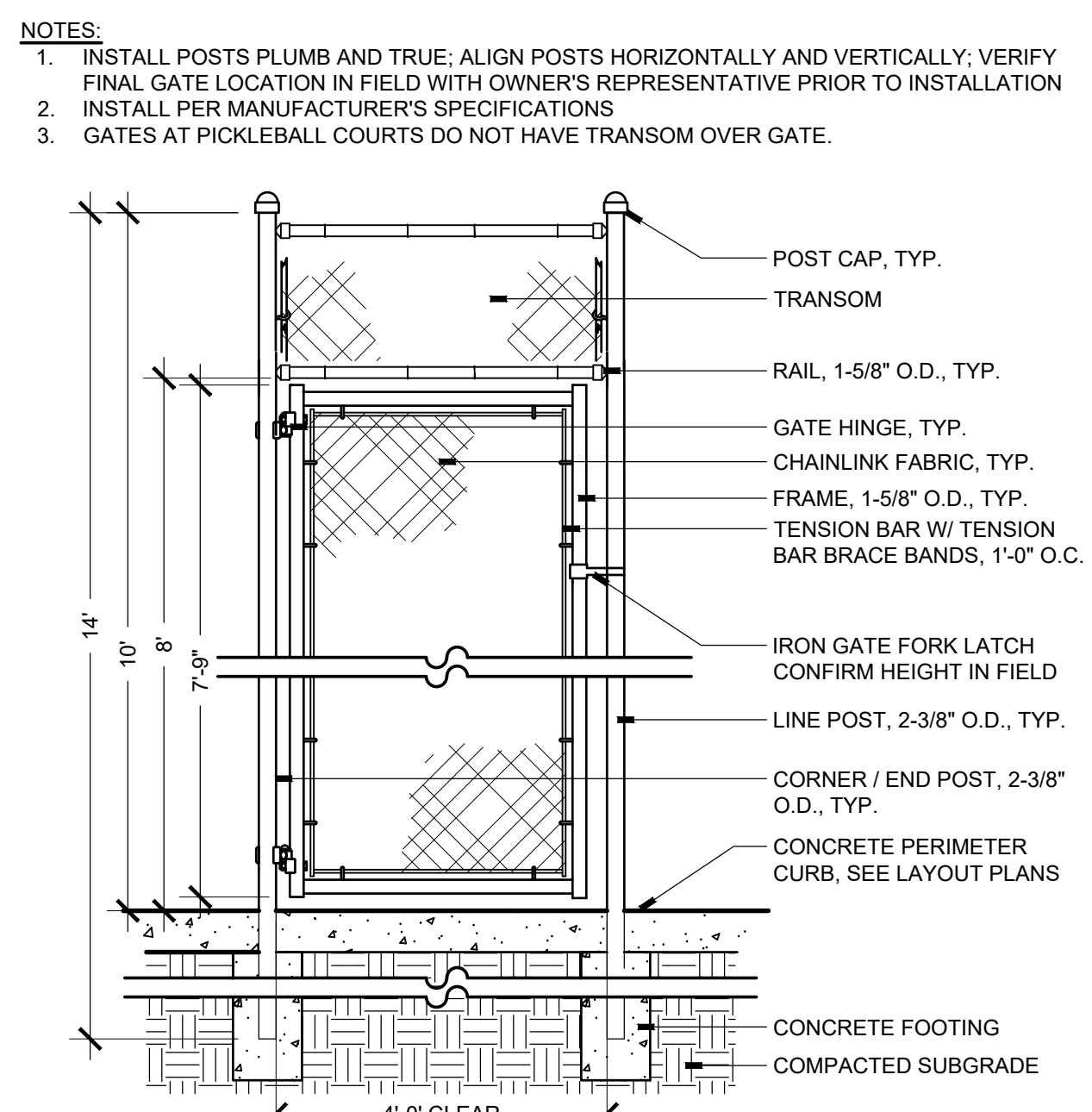
6 PIPE FENCE

SCALE: 1/2"=1'-0"



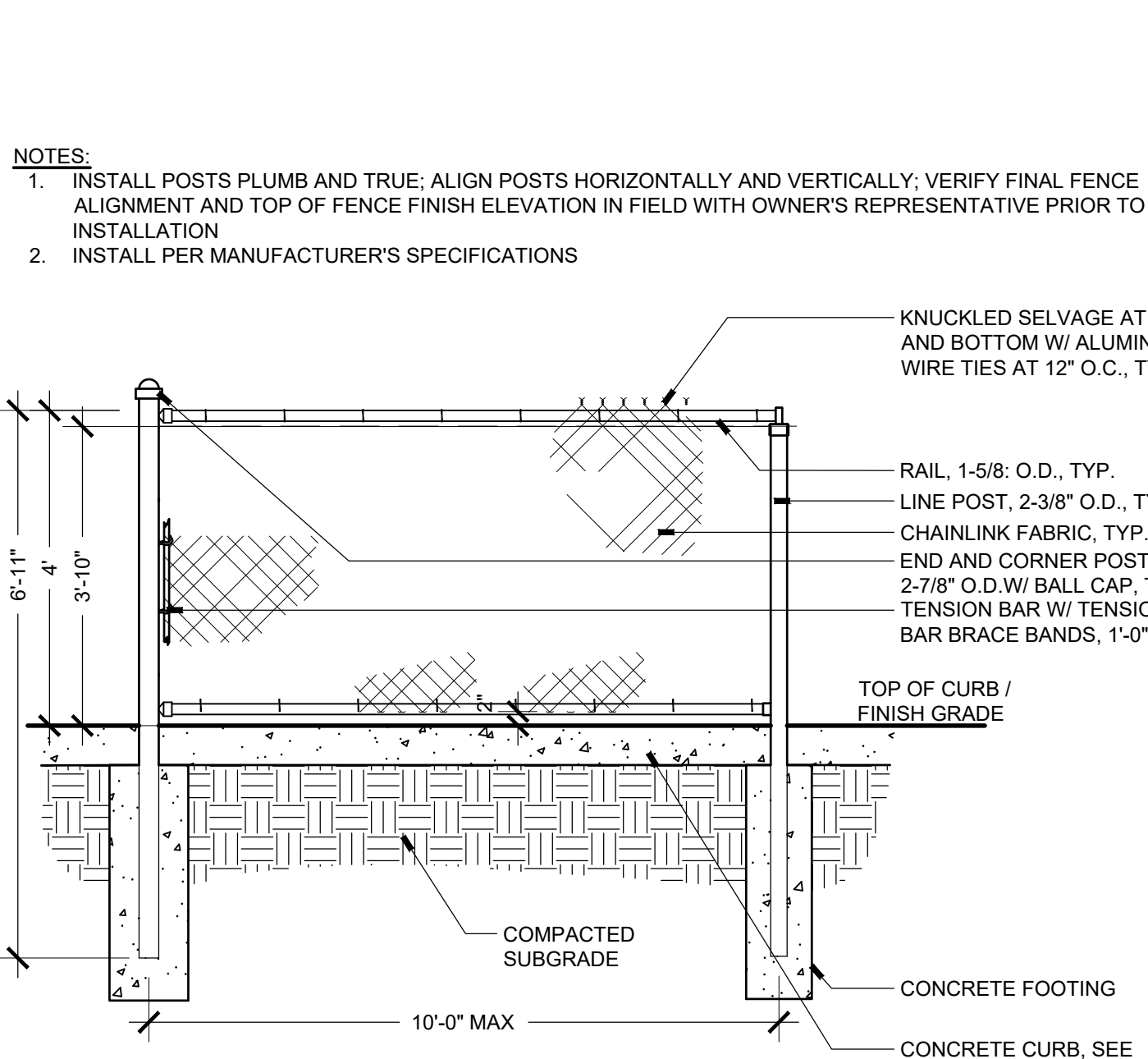
7 SWING GATE - SINGLE LEAF

SCALE: 1/2"=1'-0"



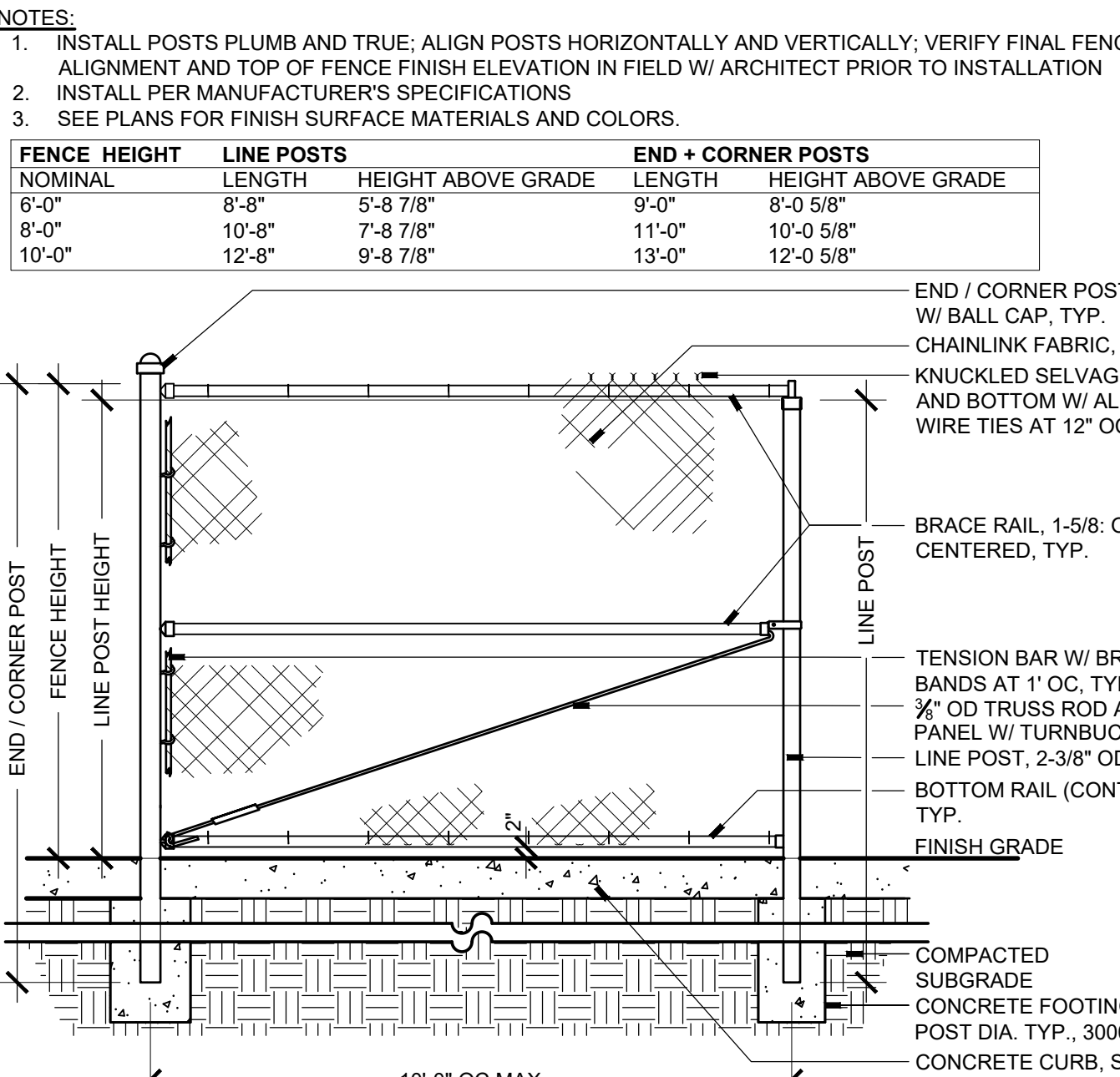
8 CHAIN LINK GATE

SCALE: 1/2"=1'-0"



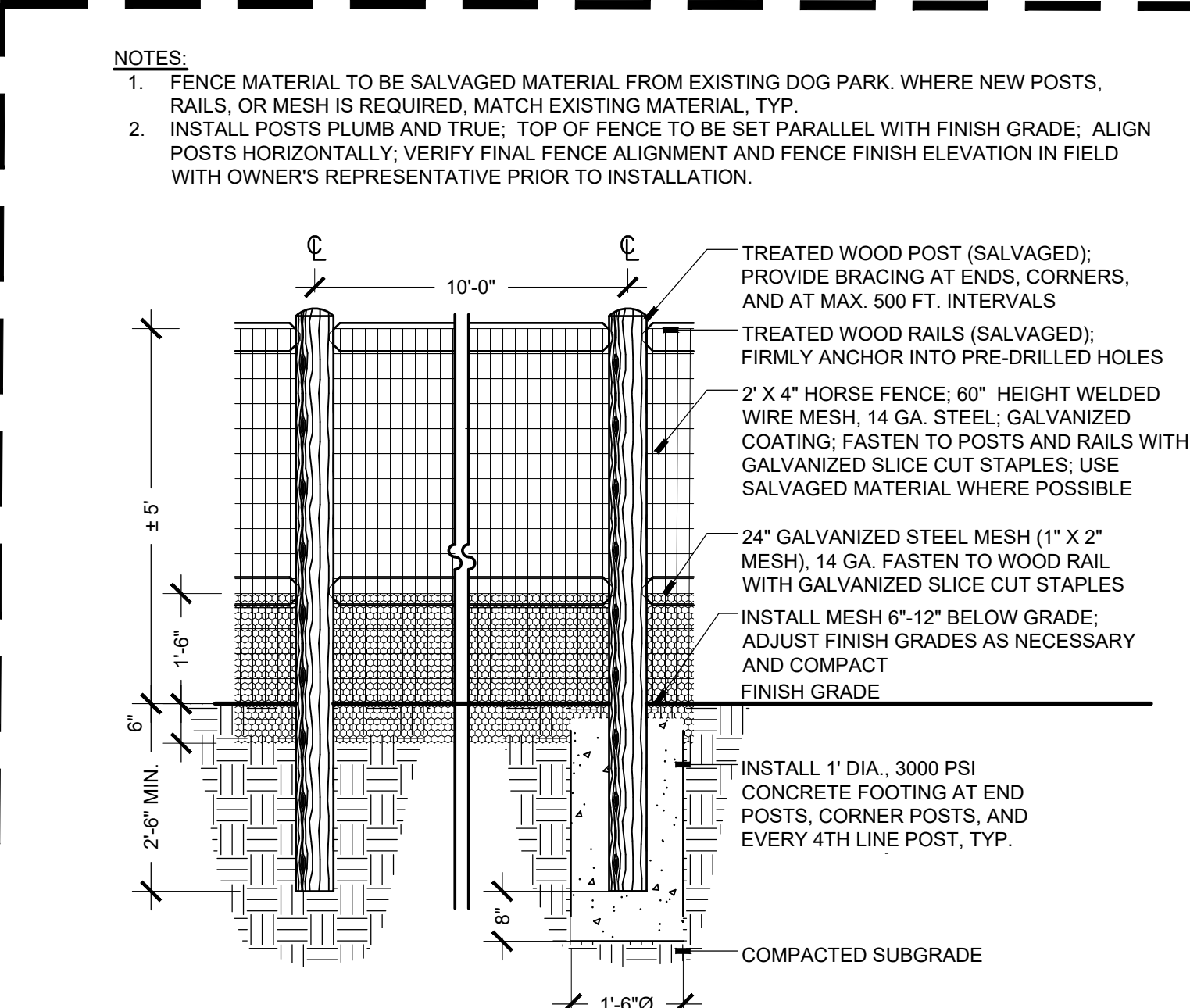
9 CHAIN LINK FENCE - 4' HEIGHT

SCALE: 1/2"=1'-0"



10 CHAIN LINK FENCE - 6', 8', 10' HEIGHT

SCALE: 1/2"=1'-0"



11 WOOD POST + RAIL FENCE - 5' HEIGHT

SCALE: 1/2"=1'-0"

REVISIONS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t.505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t.303.960.6327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

CLAUDIA MEYER HORN
LANDSCAPE ARCHITECT

ROMERO PARK - SITE IMPROVEMENTS

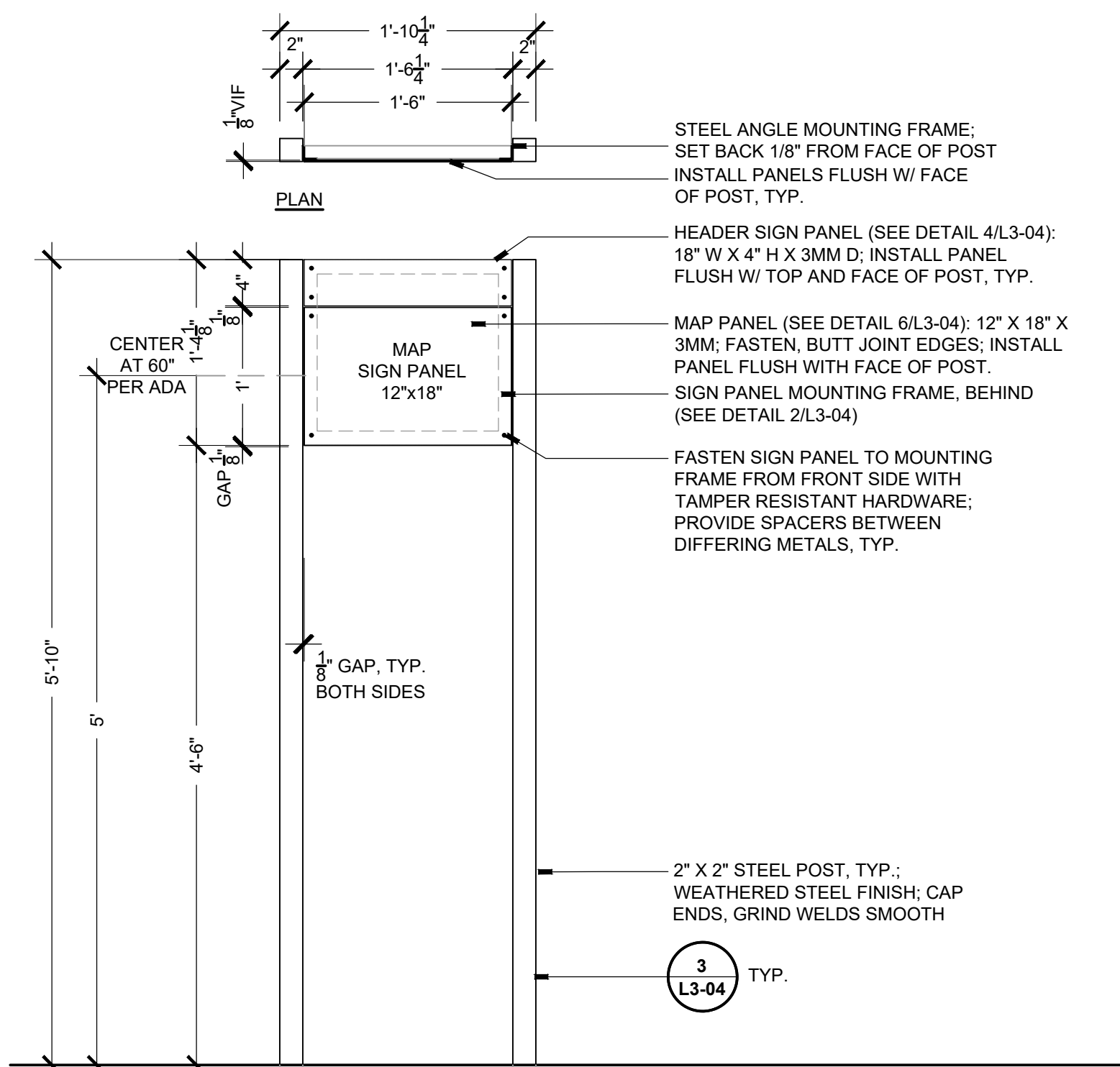
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

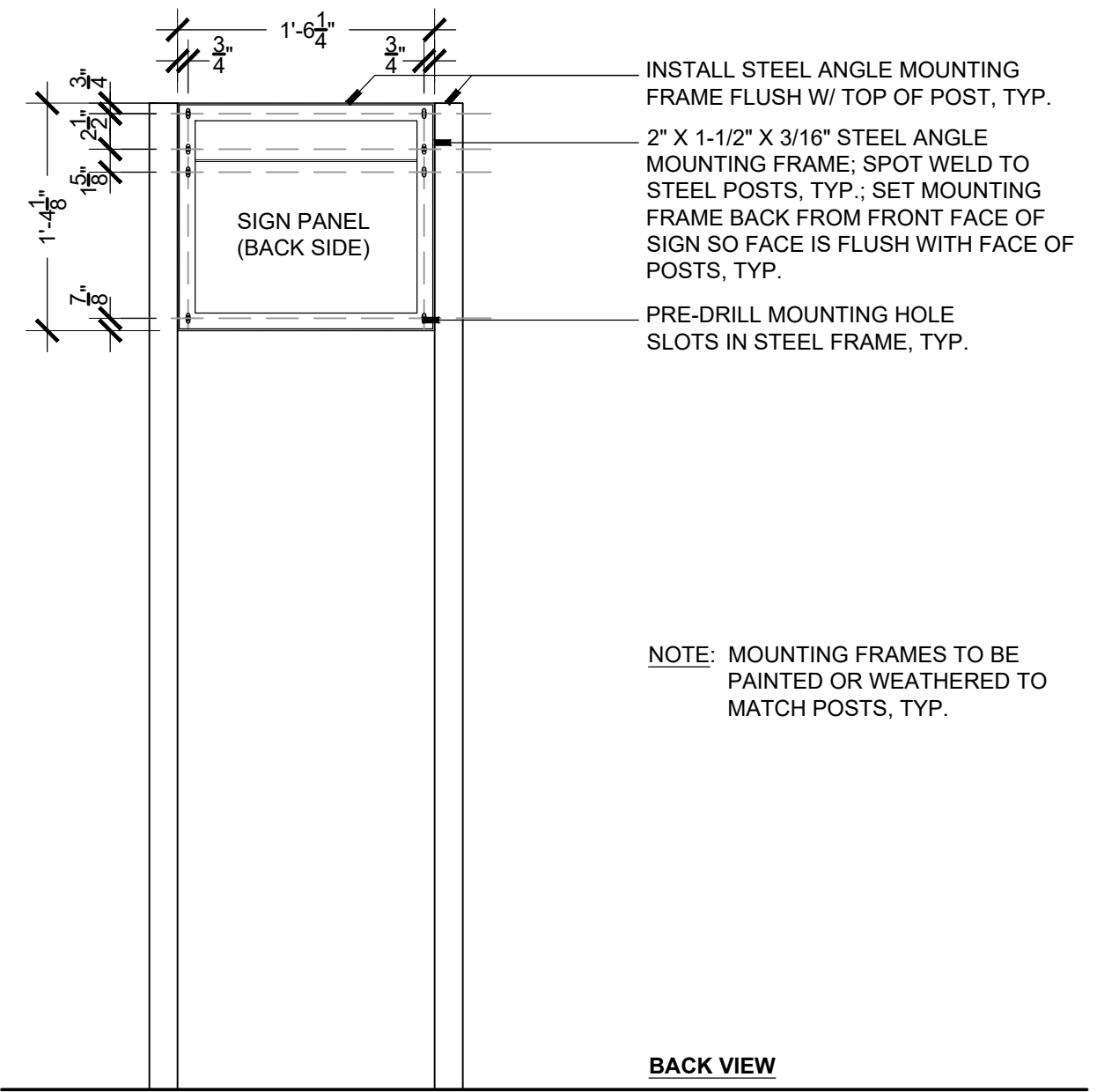
DRAWN BY CH DATE April 16, 2021

SHEET TITLE **SITE DETAILS**

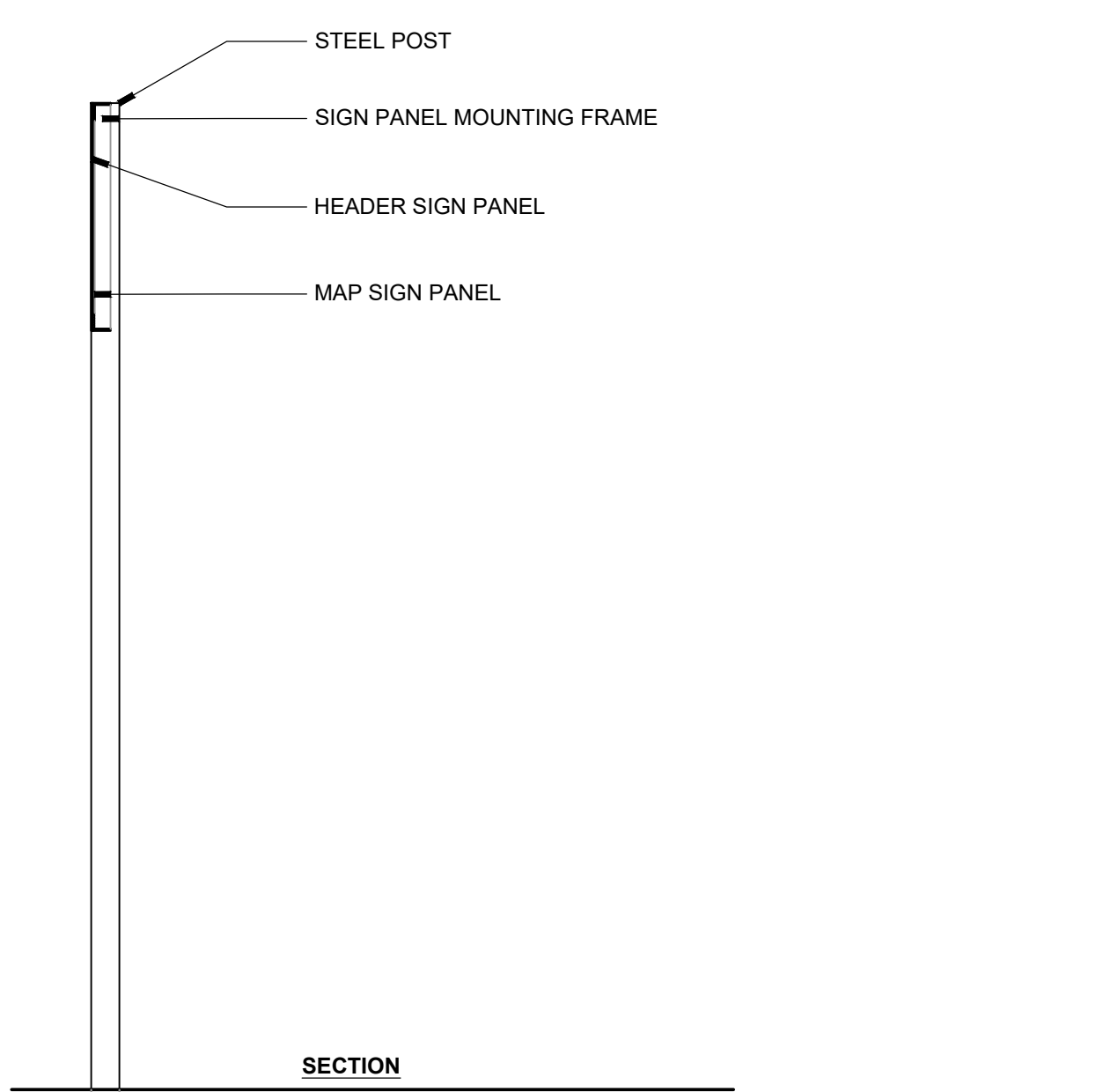
SHEET NUMBER **L3-03**



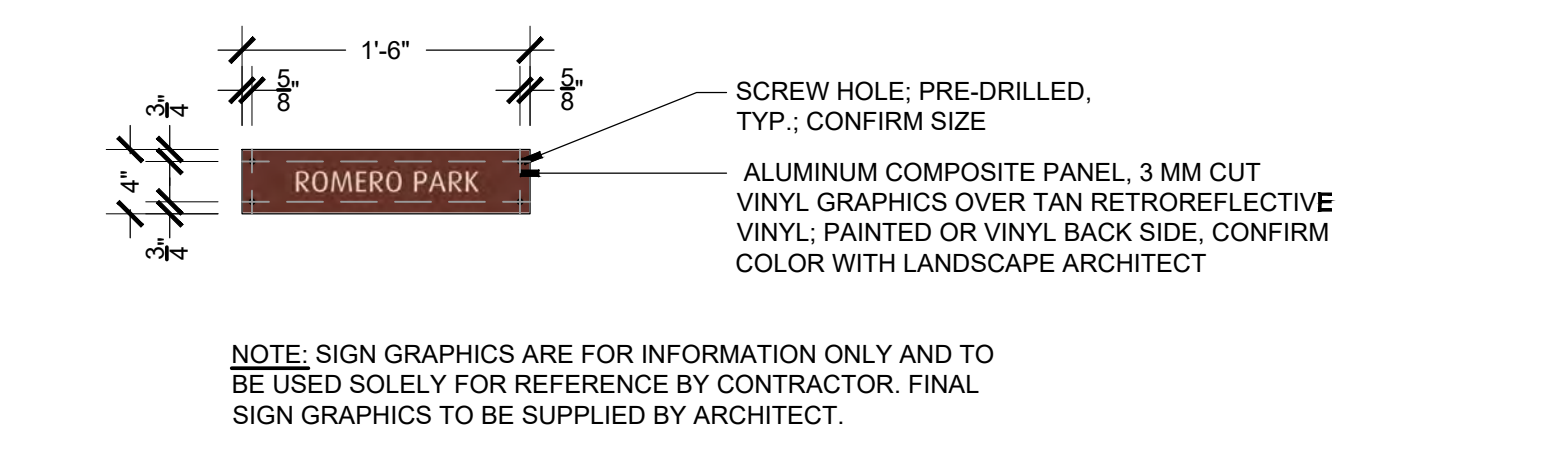
1 TRAIL MAP SIGN
SCALE: 1"=1'-0"



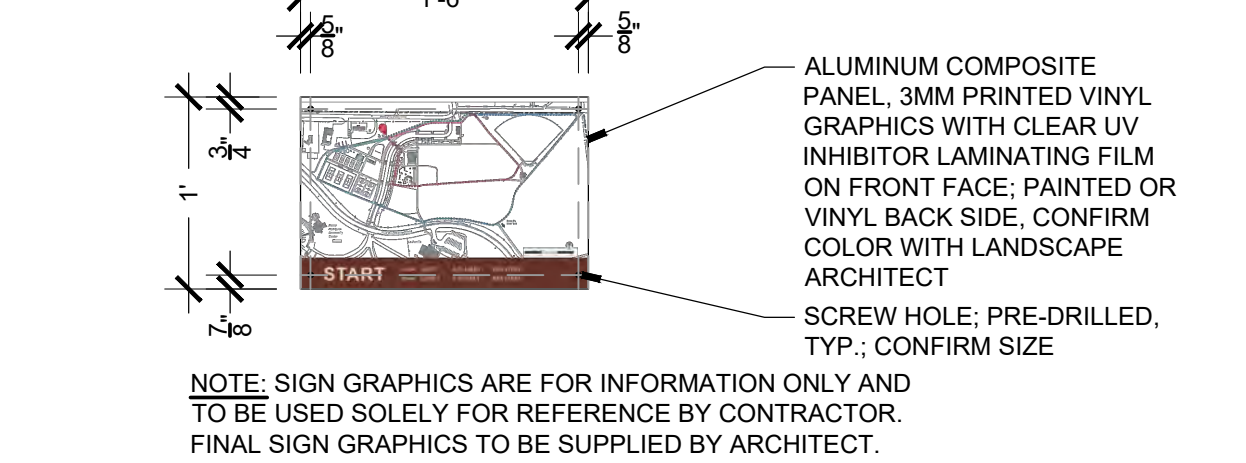
2 TRAIL MAP SIGN - SIGN PANEL MOUNTING FRAME DETAILS
SCALE: 1"=1'-0"



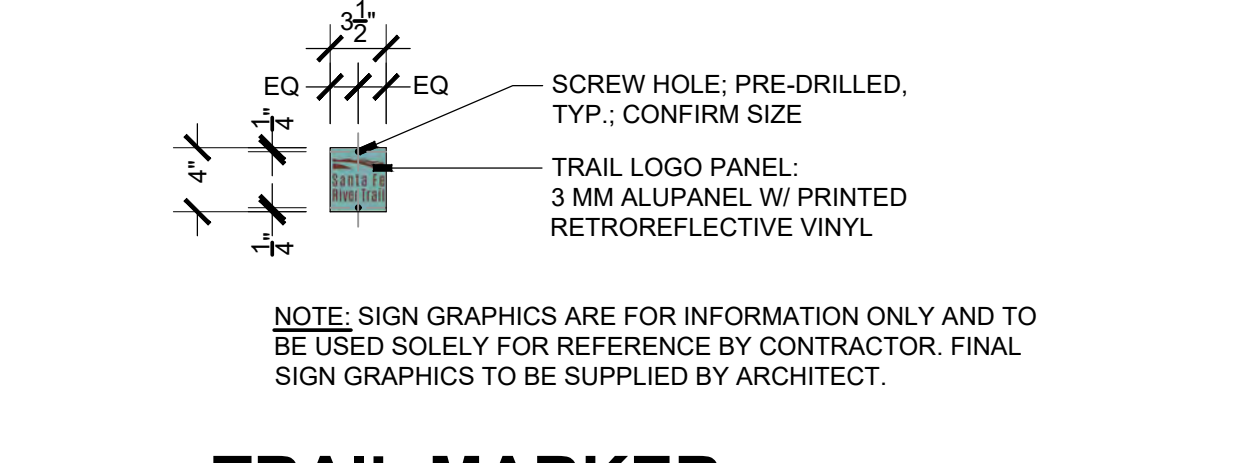
3 SIGN POST FOOTING
SCALE: 1"=1'-0"



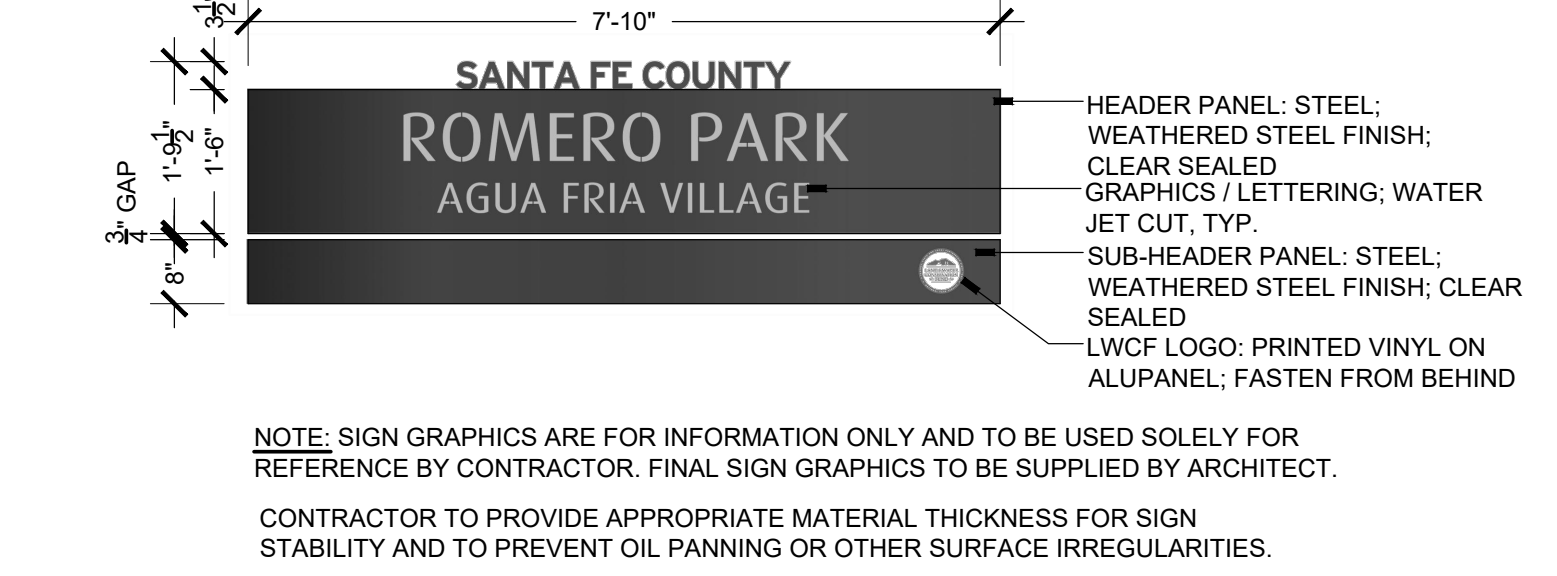
4 TRAIL SIGN - HEADER PANEL
SCALE: 1"=1'-0"



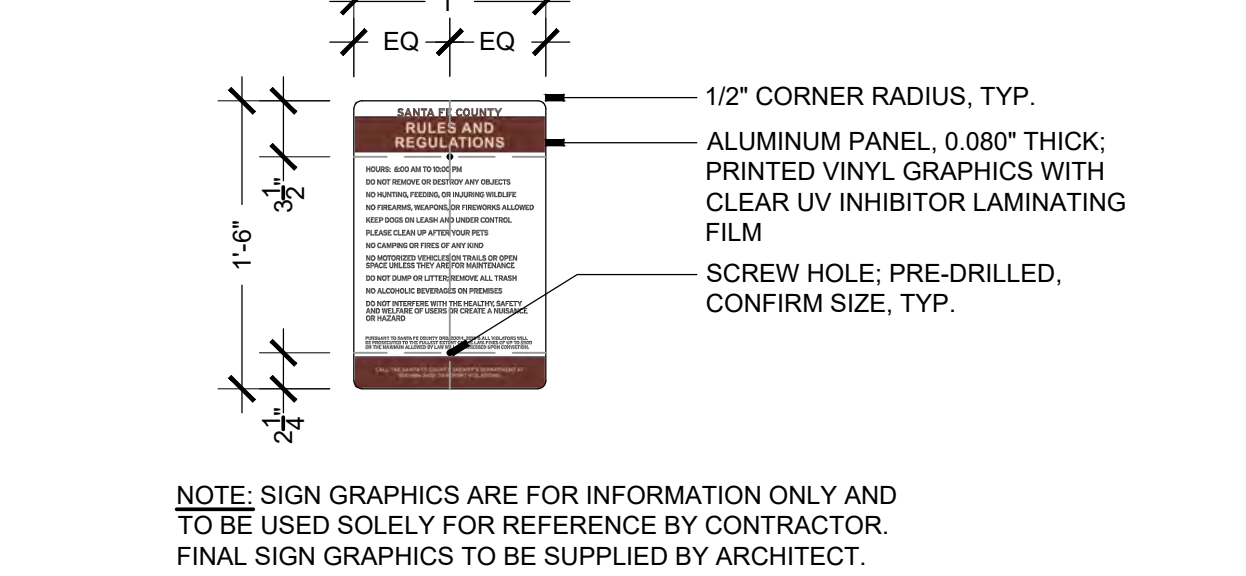
6 TRAIL SIGN - MAP PANEL
SCALE: 1"=1'-0"



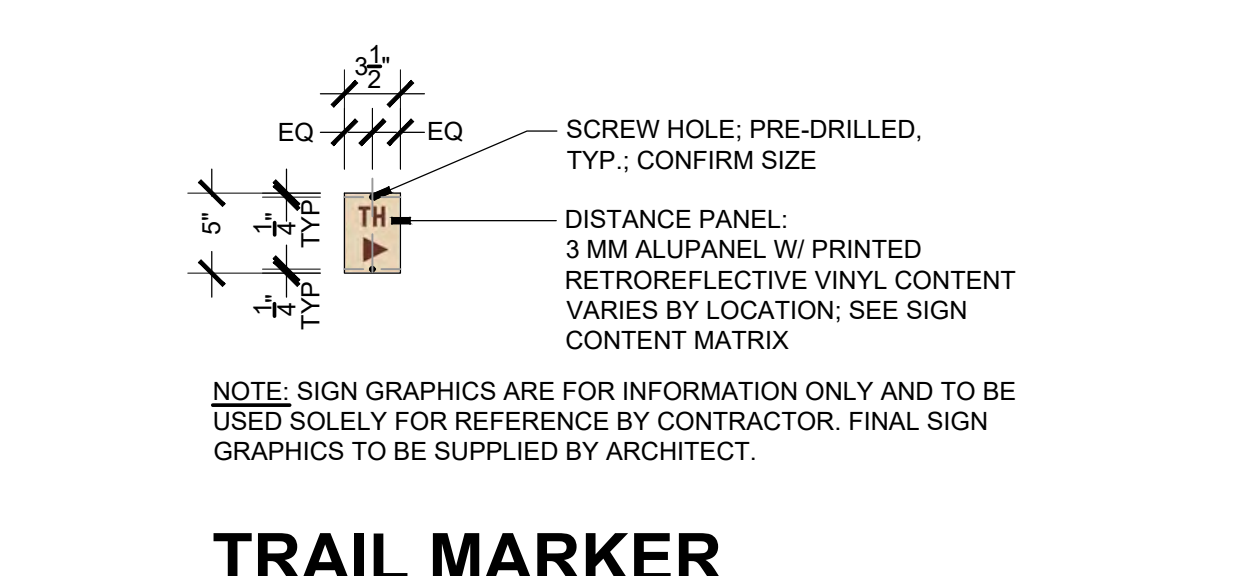
8 TRAIL MARKER HEADER PANEL
SCALE: 1"=1'-0"



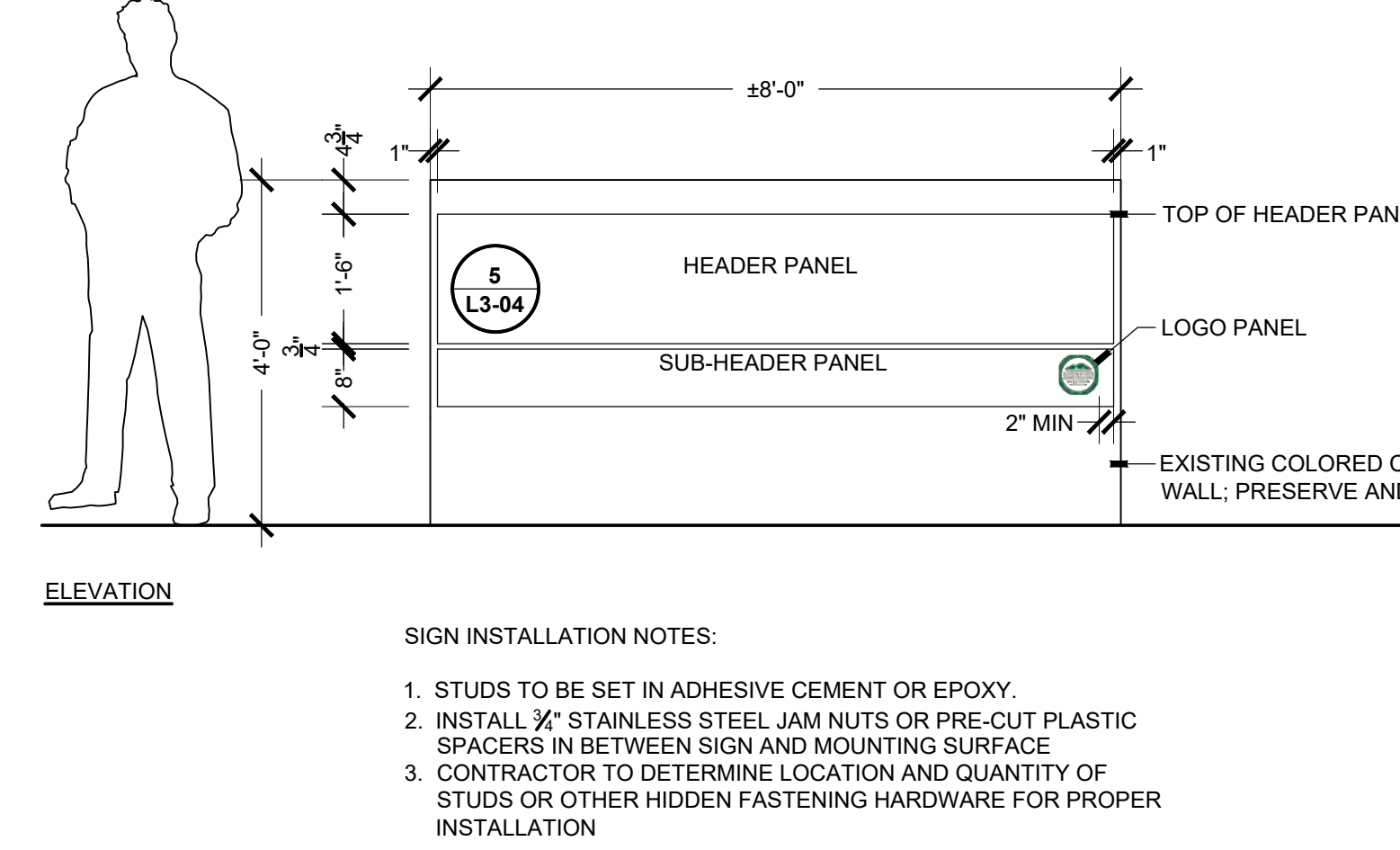
5 MONUMENT SIGN PANEL
SCALE: 1"=1/2'-0"



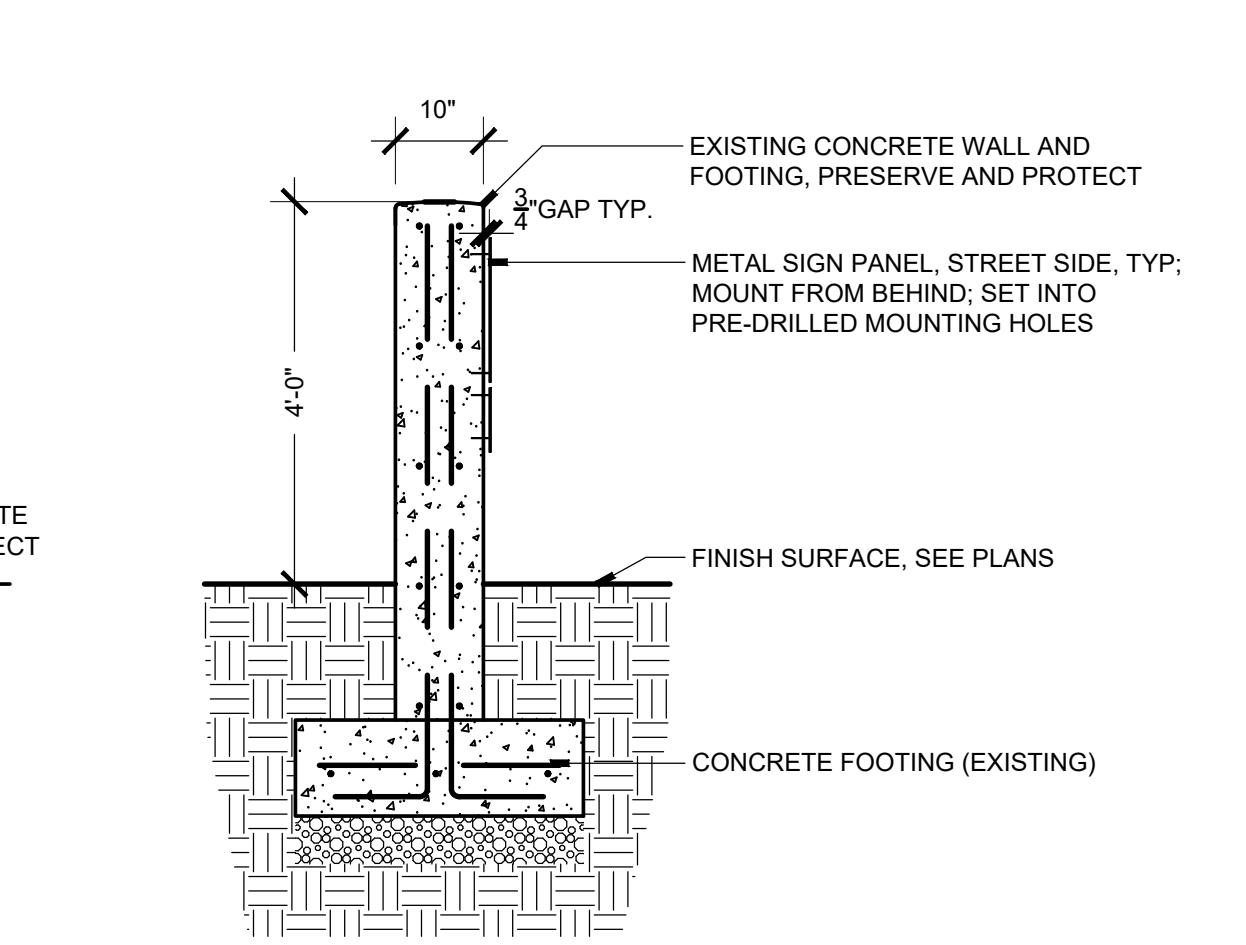
7 RULES / SPECIALTY SIGN PANEL
SCALE: 1"=1'-0"



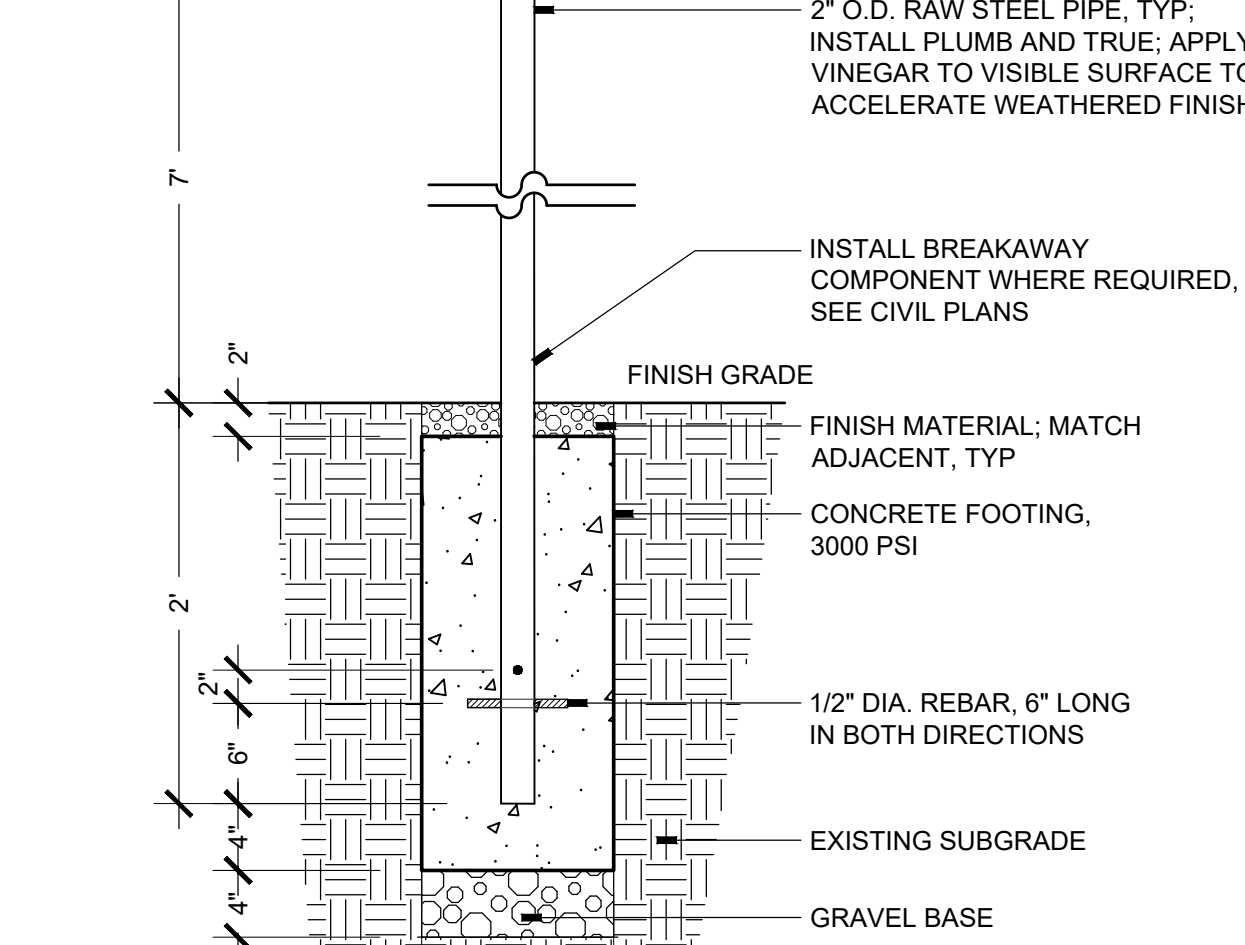
9 TRAIL MARKER DIRECTIONAL PANEL
SCALE: 1"=1'-0"



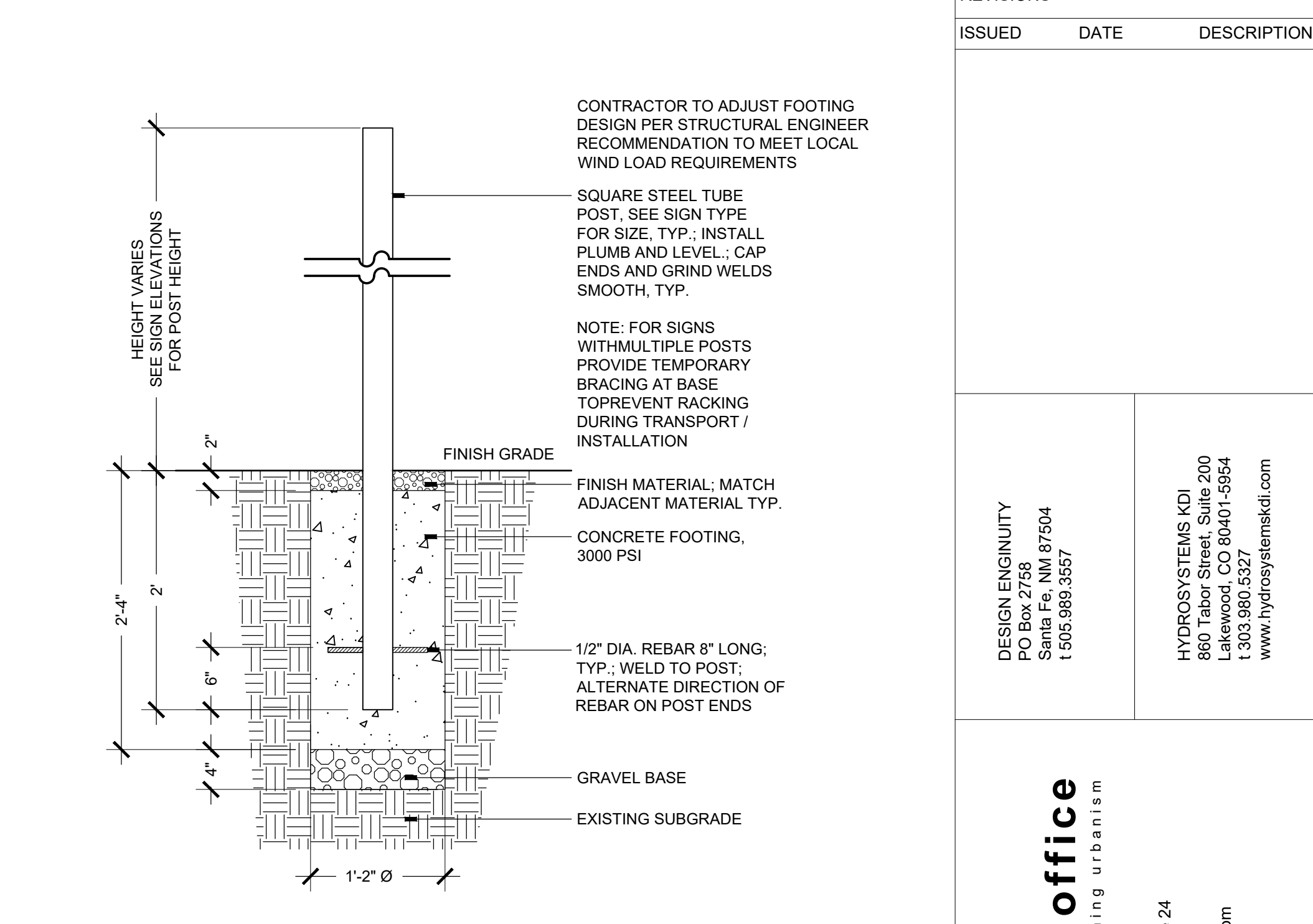
11 MONUMENT SIGN
SCALE: 1/2"=1'-0"



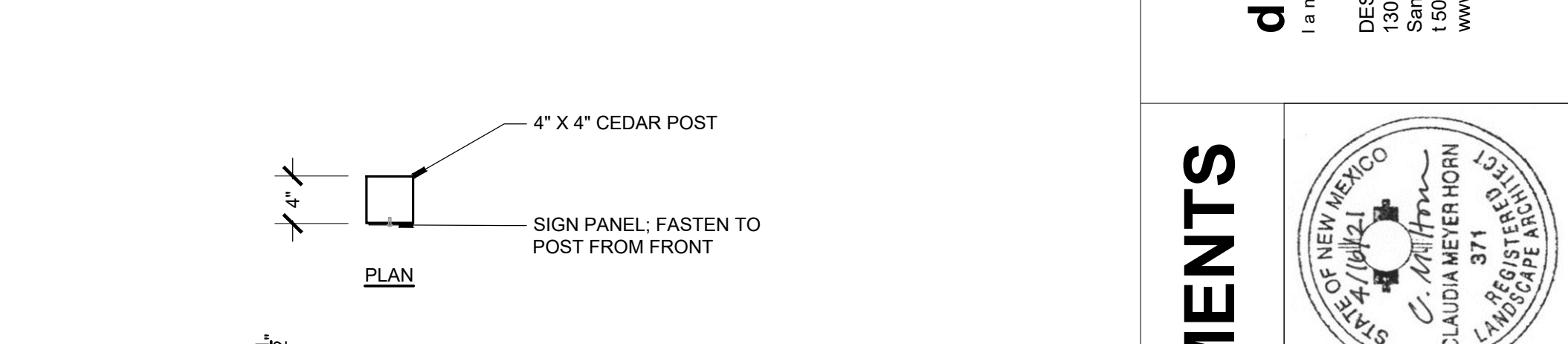
12 SIGN POST
SCALE: 1"=1'-0"



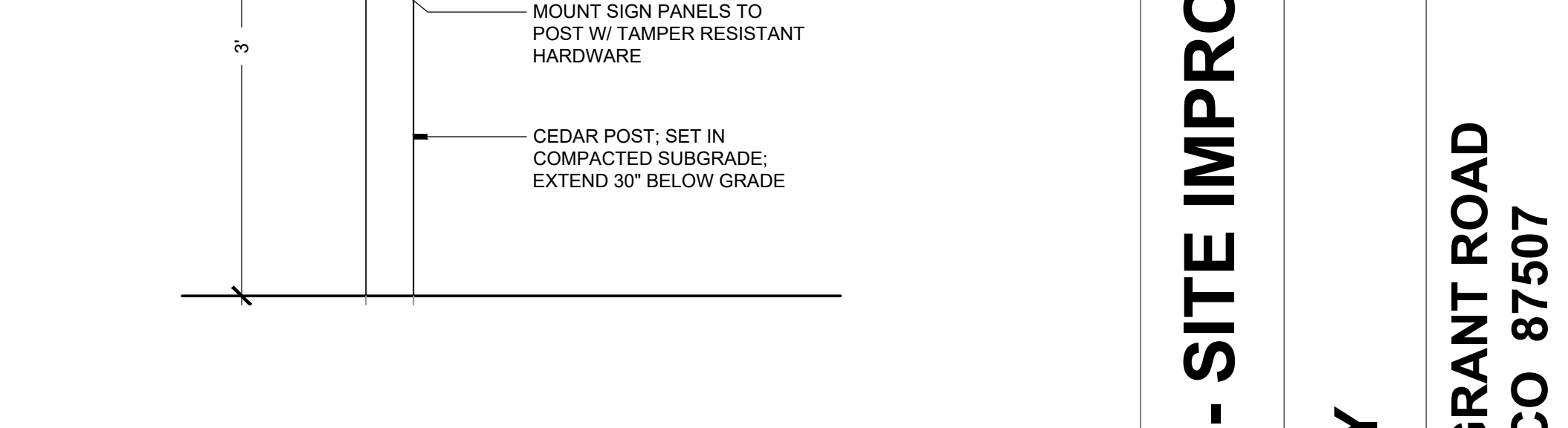
13 HORSESHOE PIT
SCALE: 3/4"=1'-0"



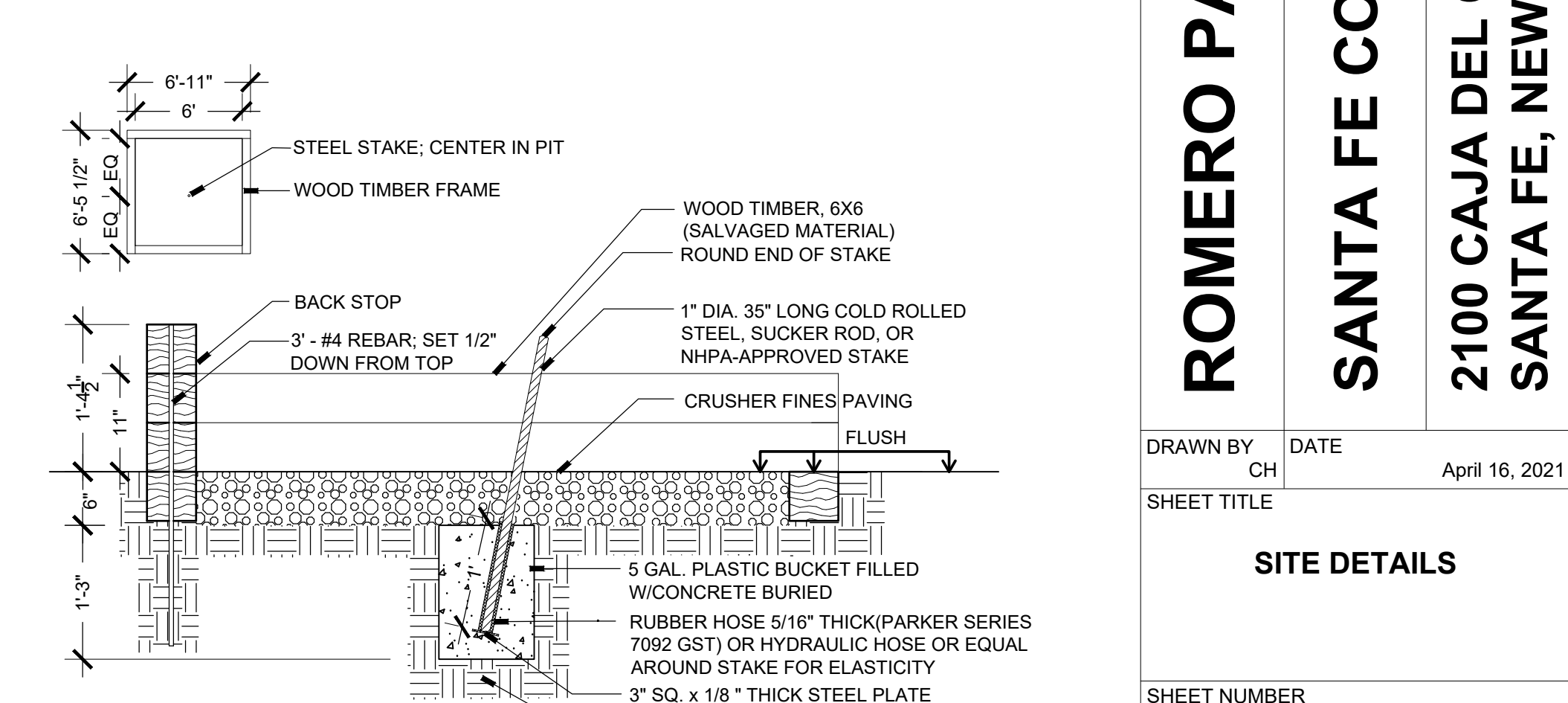
13 HORSESHOE PIT
SCALE: 3/4"=1'-0"



10 TRAIL MARKER
SCALE: 1"=1'-0"



10 TRAIL MARKER
SCALE: 1"=1'-0"



13 HORSESHOE PIT
SCALE: 3/4"=1'-0"

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER PO Box 2768 Santa Fe, NM 87504 t.505.969.9557	DESIGN OFFICE 1300 Luisa Street, Suite 24 Santa Fe, NM 87505 t.505.983.1415 www.do-designoffice.com
design office landscape planning urbanism	

HYDROSYSTEMS KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-9554 t.303.960.5327 www.hydrosyskdi.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

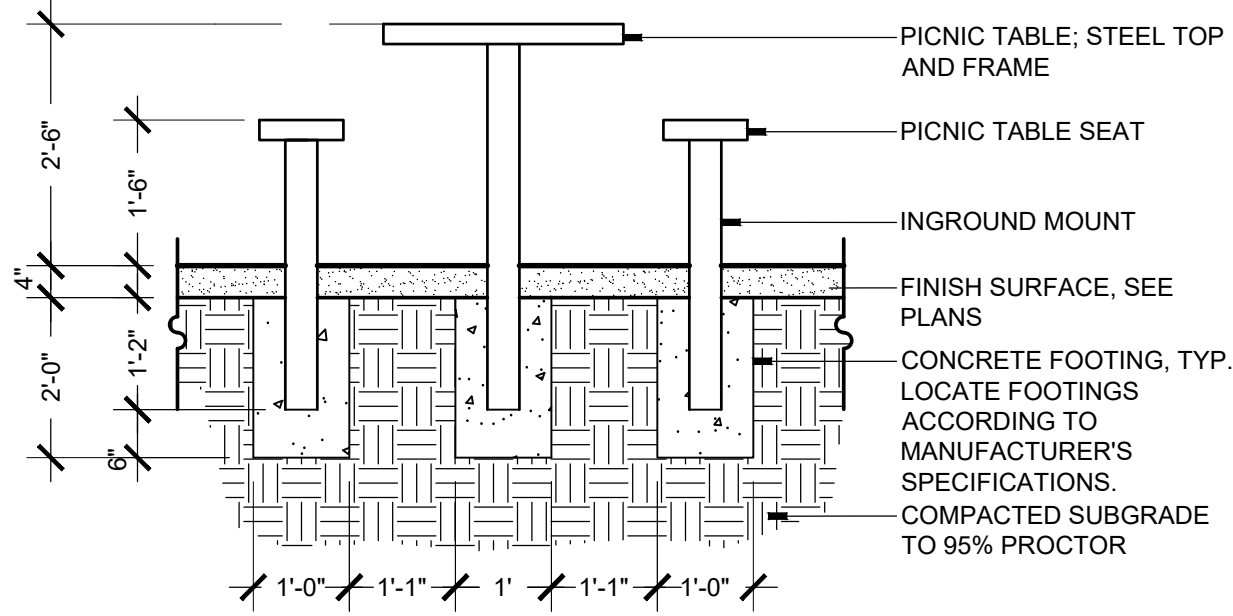
SANTA FE, NEW MEXICO 87507

STATE OF NEW MEXICO
CLAUDIA MEYER HORN
LANDSCAPE ARCHITECT

DRAWN BY	DATE	April 16, 2021
CH		
SITE DETAILS		
SHEET NUMBER	L3-04	

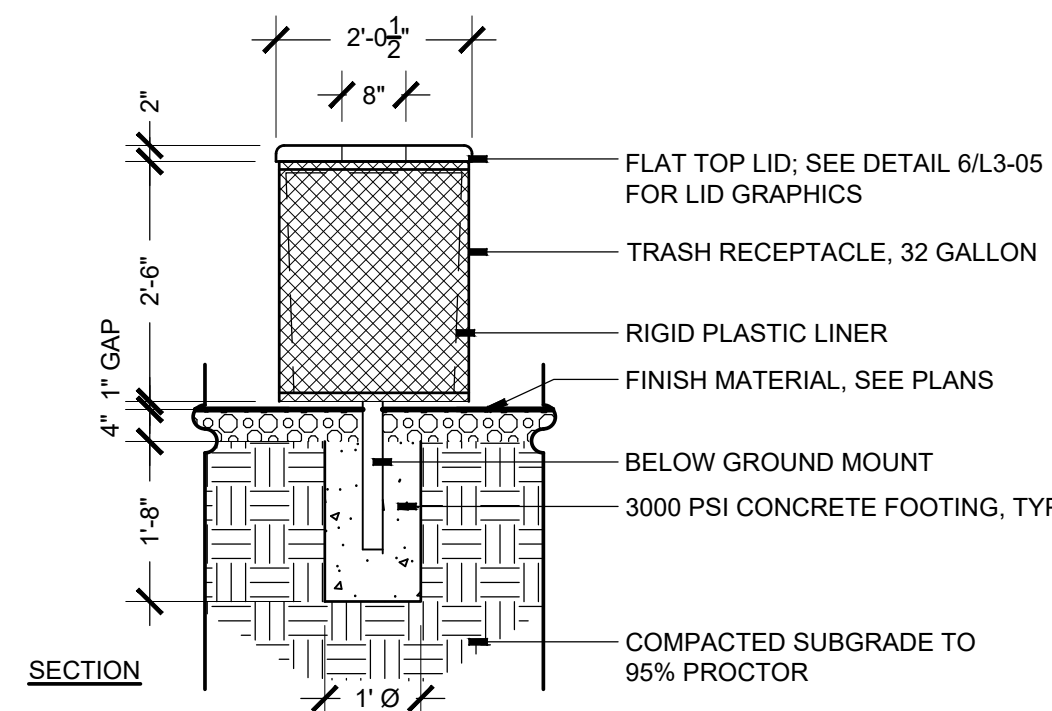
NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. WHERE TABLES AND BENCHES ARE PLACED IN LINE FOR A COMMUNITY TABLE, ALIGN TOPS AND SIDES, BUTT JOINT ENDS; FASTEN FRAMES AT SEAMS FROM BELOW.



1 PICNIC TABLE
SCALE: 1/2"=1'-0" SECTION

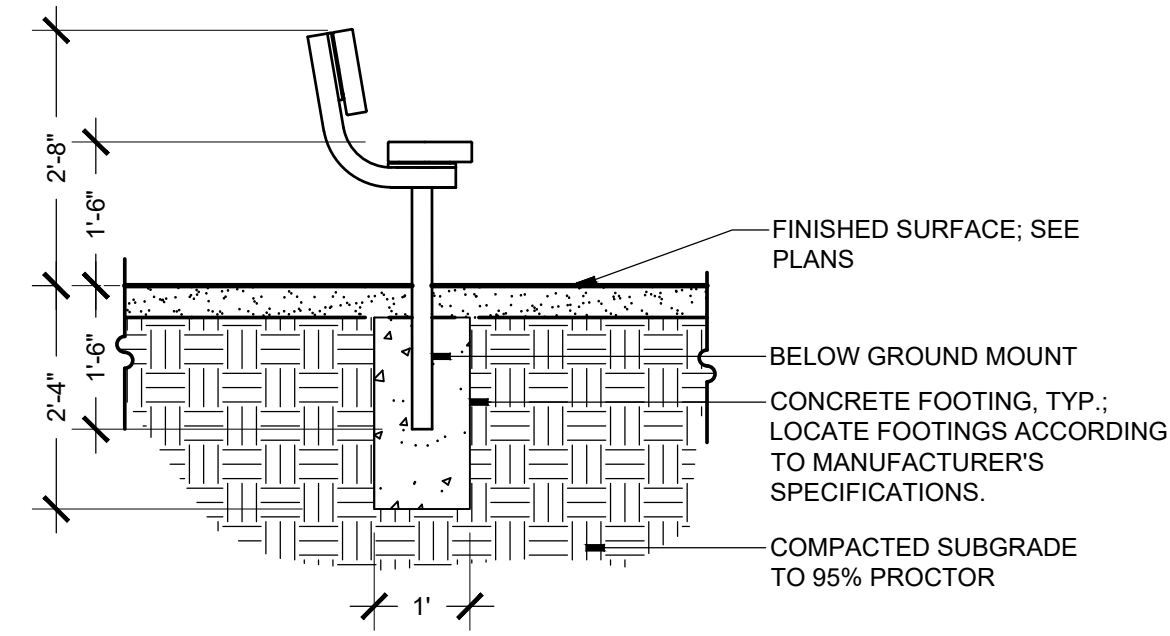
- NOTE:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.



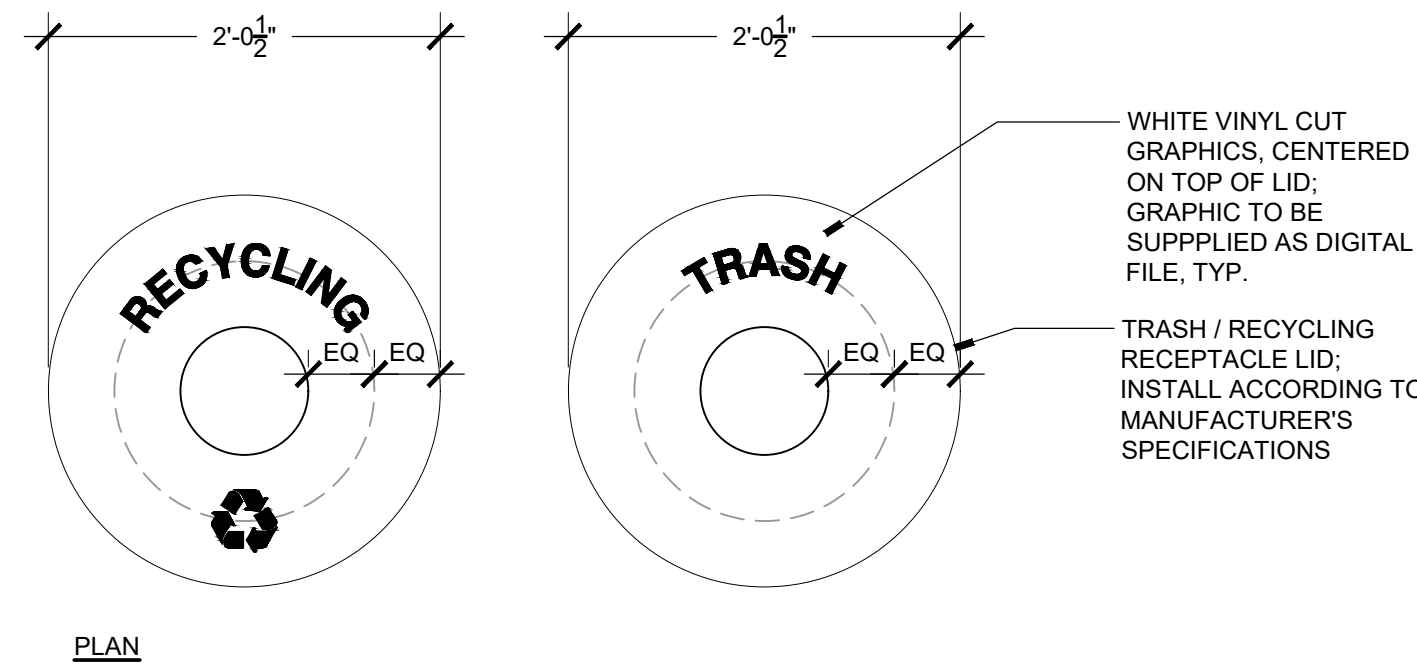
5 TRASH/RECYCLING RECEPTACLE
SCALE: 1/2"=1'-0" SECTION

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

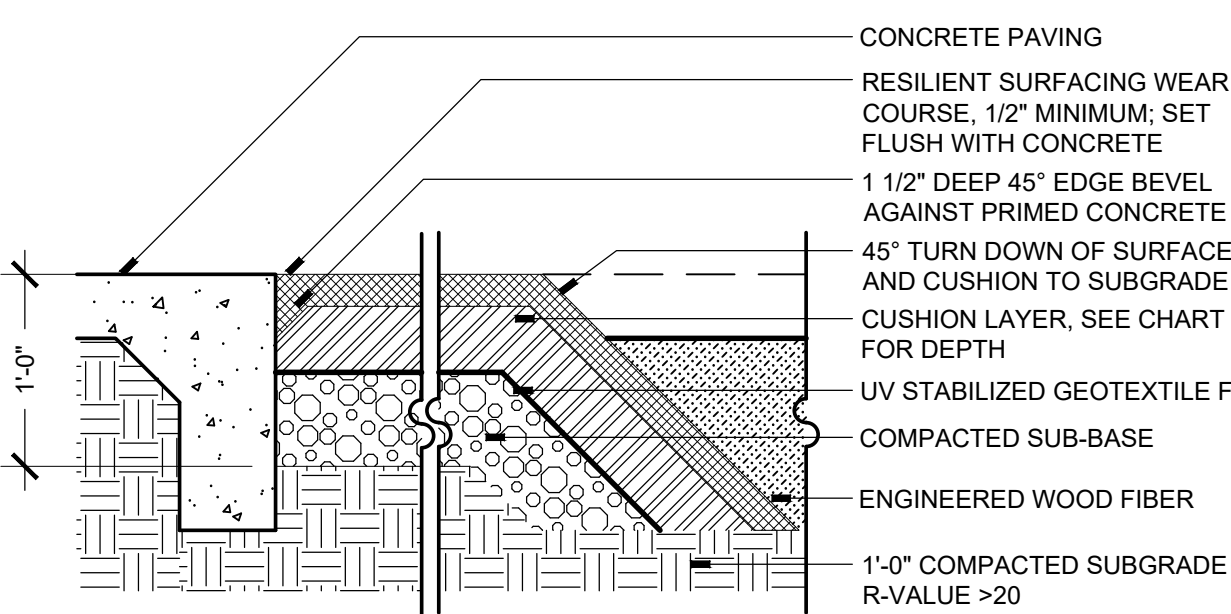


2 BENCH
SCALE: 1/2"=1'-0" SECTION



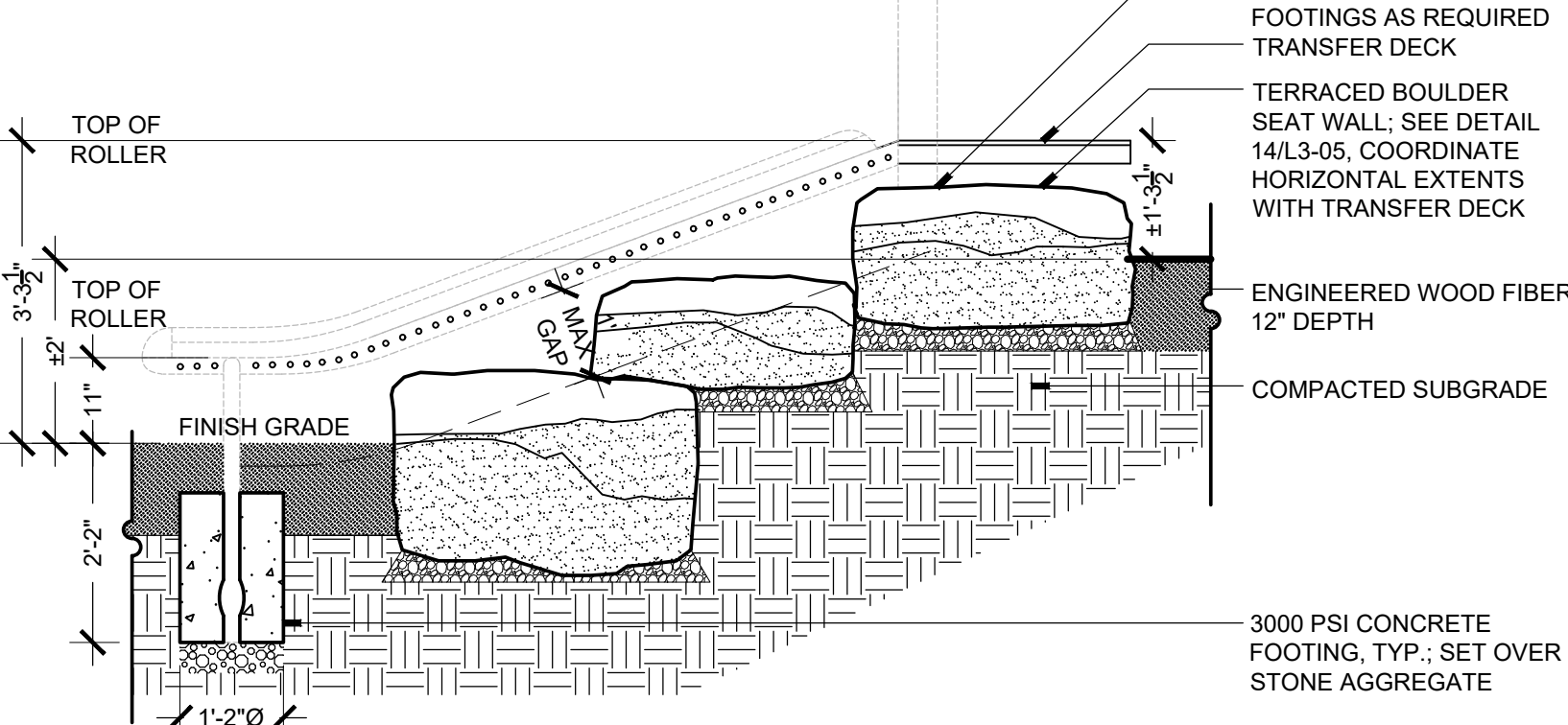
6 RECEPTACLE LID GRAPHICS
SCALE: 1"=1'-0" PLAN

- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

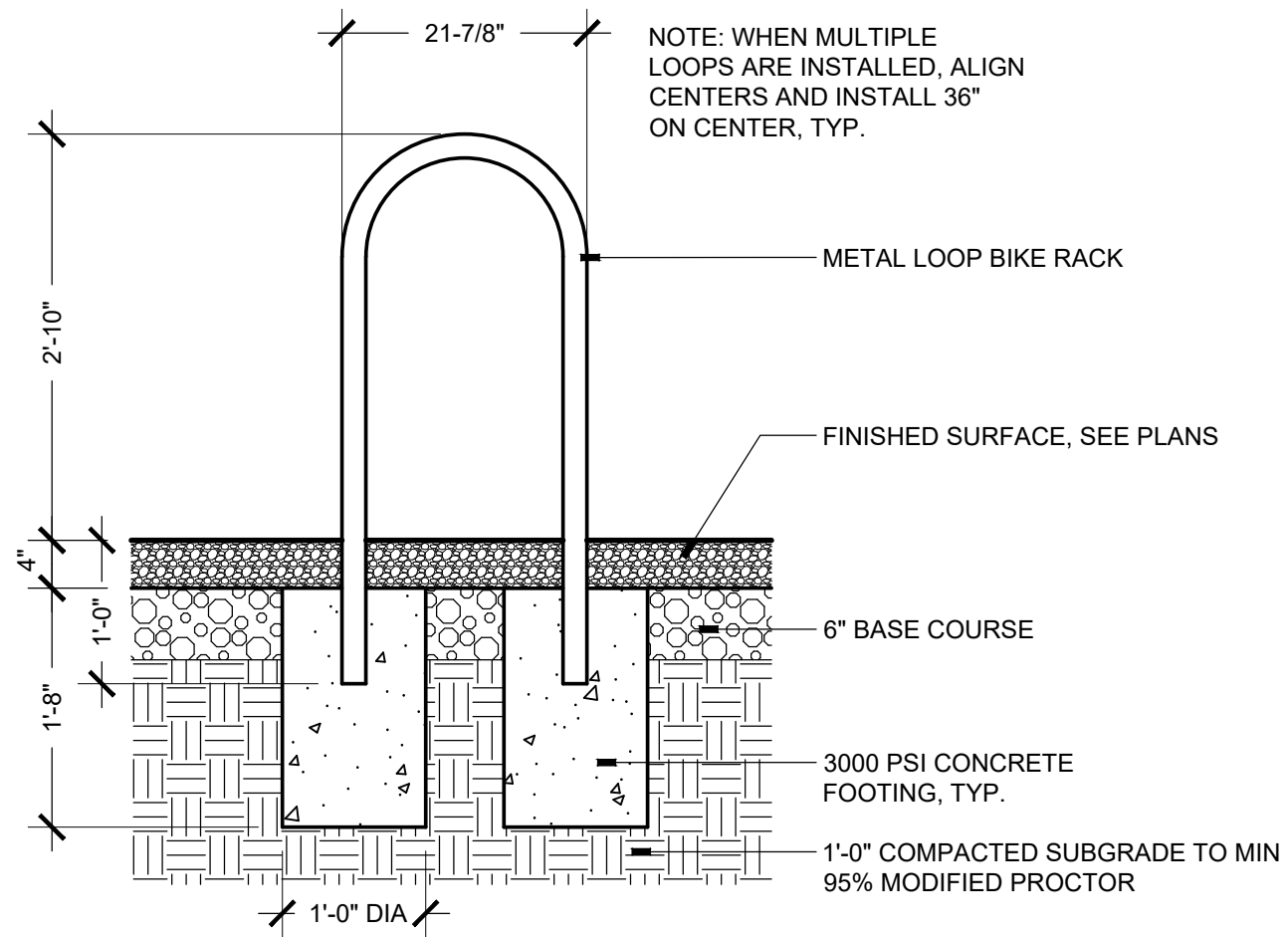


10 RESILIENT SURFACING - 45° EDGE
SCALE: 1"=1'-0" SECTION

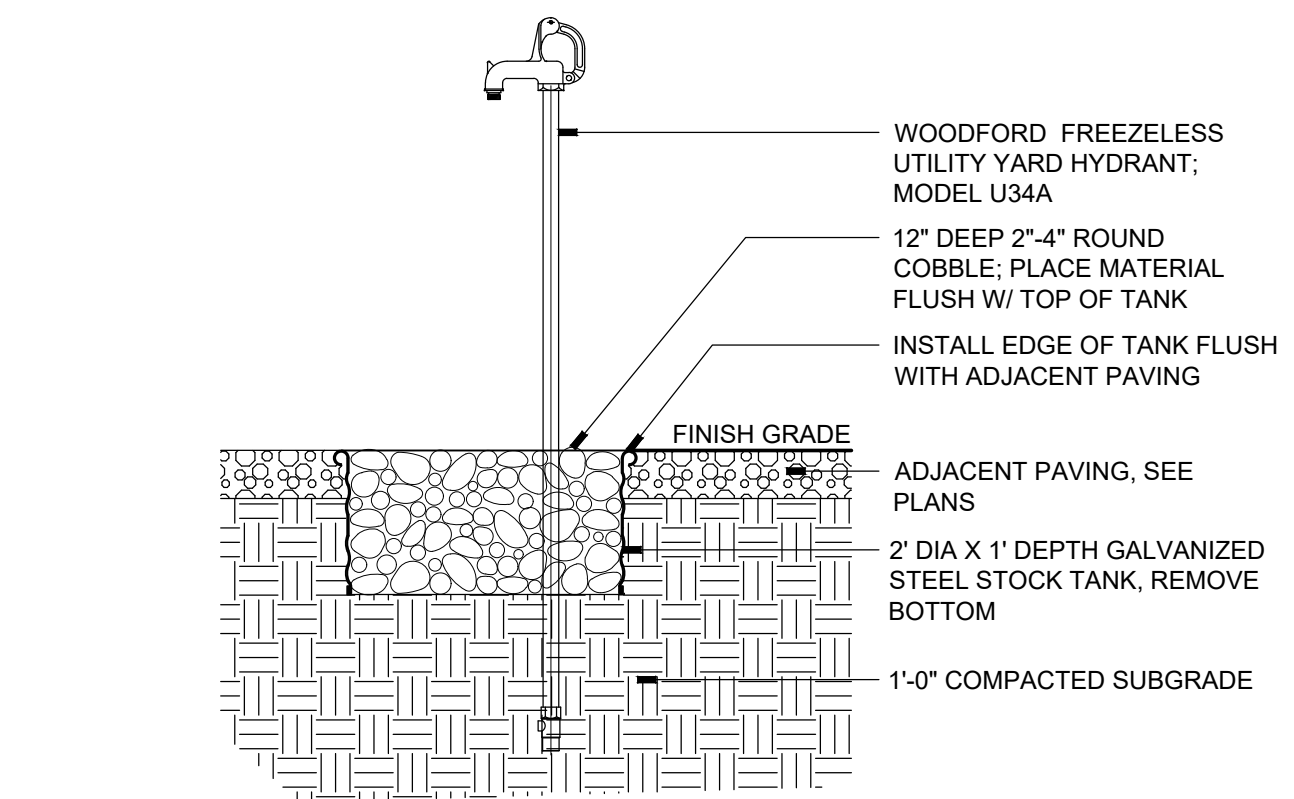
- NOTE:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. EQUIPMENT INSTALLATION TO CONFORM TO ADA ACCESSIBILITY CODES FOR EQUIPMENT ACCESS; REVIEW NECESSARY ADJUSTMENTS TO DETAIL WITH LANDSCAPE ARCHITECT.



14 ROLLER SLIDE
SCALE: 1/2"=1'-0" SECTION

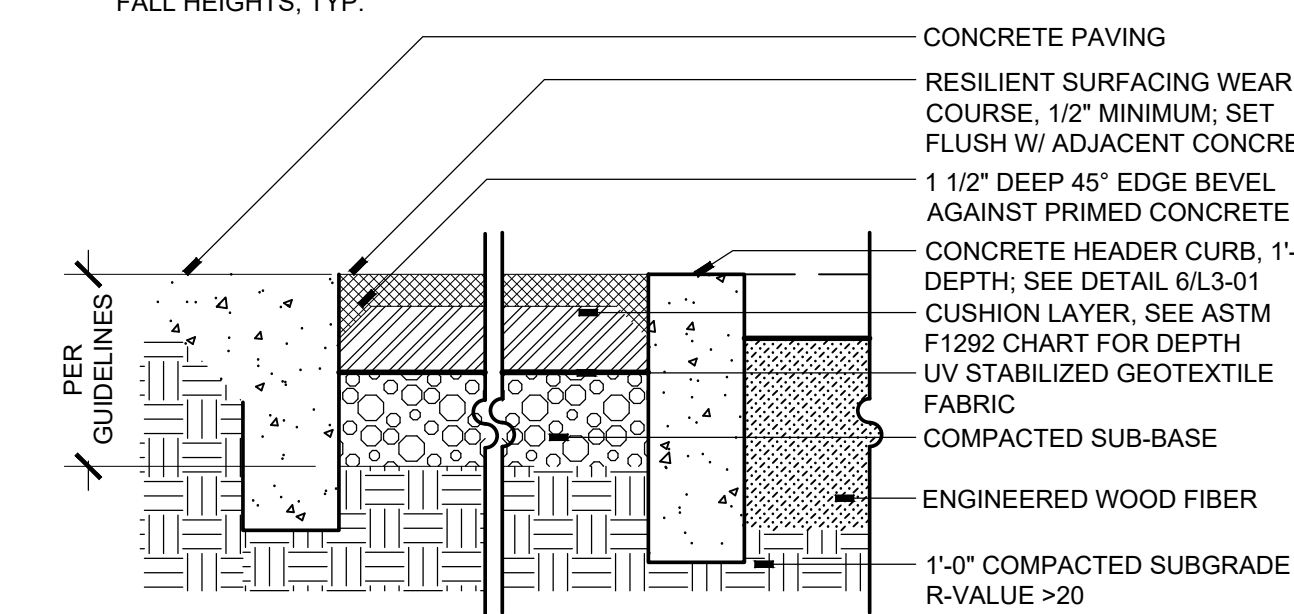


3 BIKE LOOP
SCALE: 3/4"=1'-0" SECTION

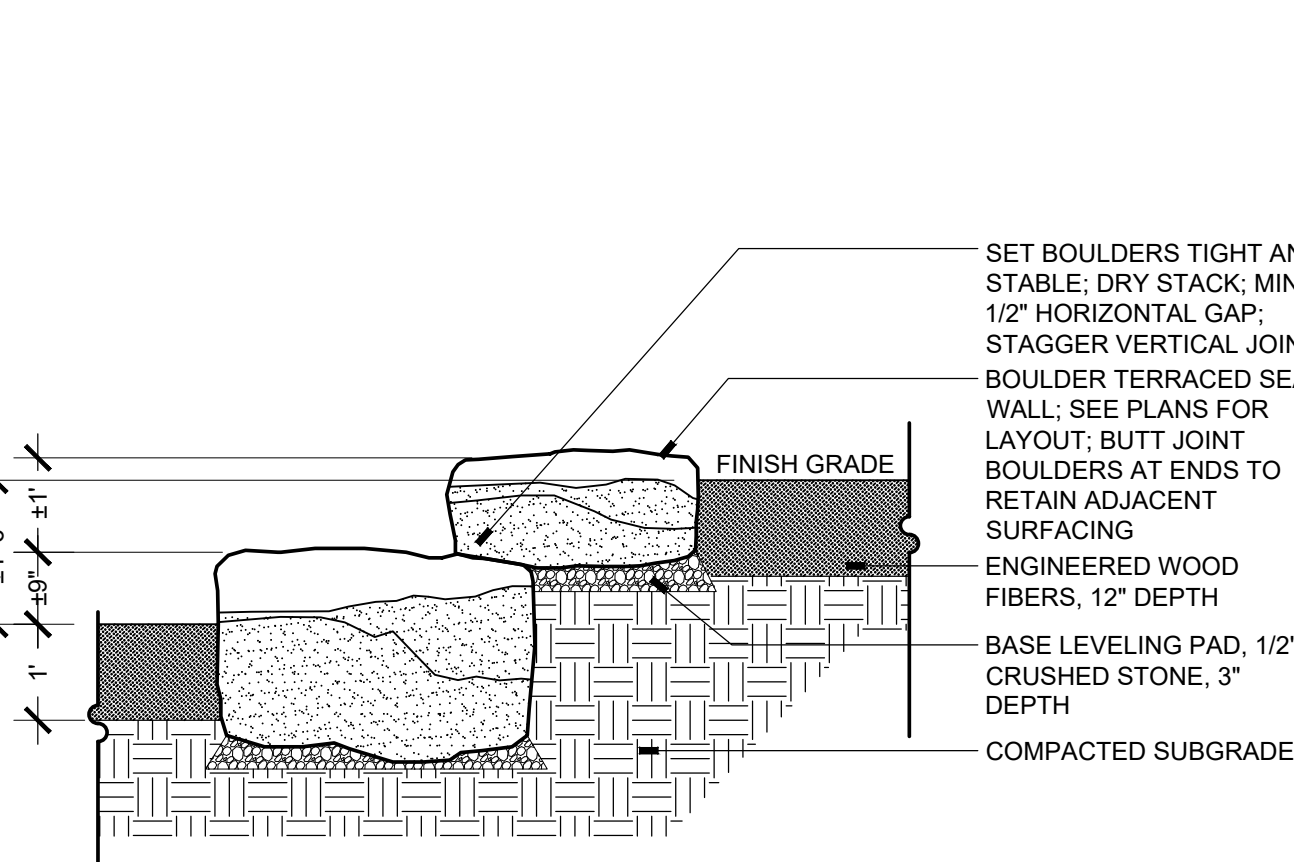


7 YARD HYDRANT
SCALE: 3/4"=1'-0" SECTION

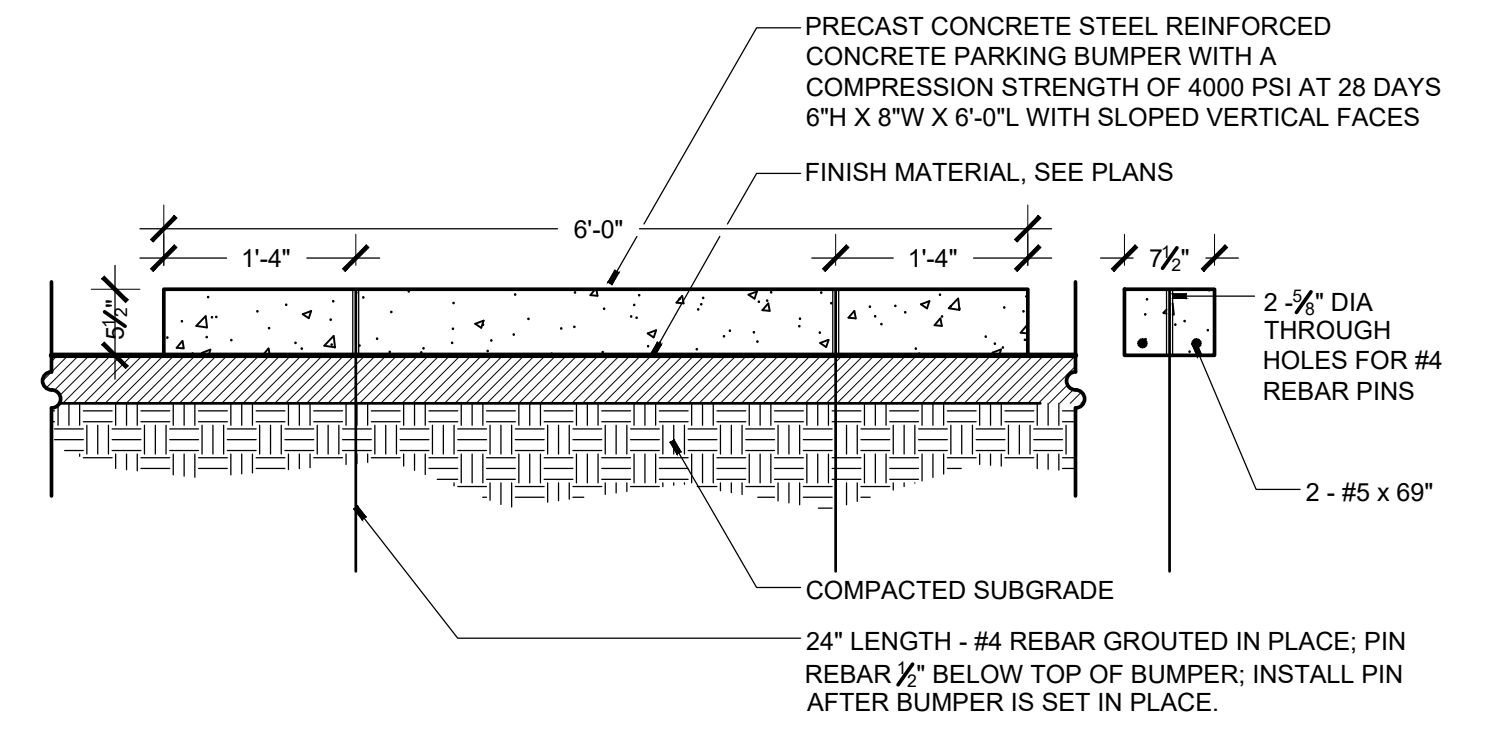
- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
2. POURED IN PLACE SURFACING DEPTH TO BE DETERMINED BASED ON EQUIPMENT CRITICAL FALL HEIGHTS, TYP.



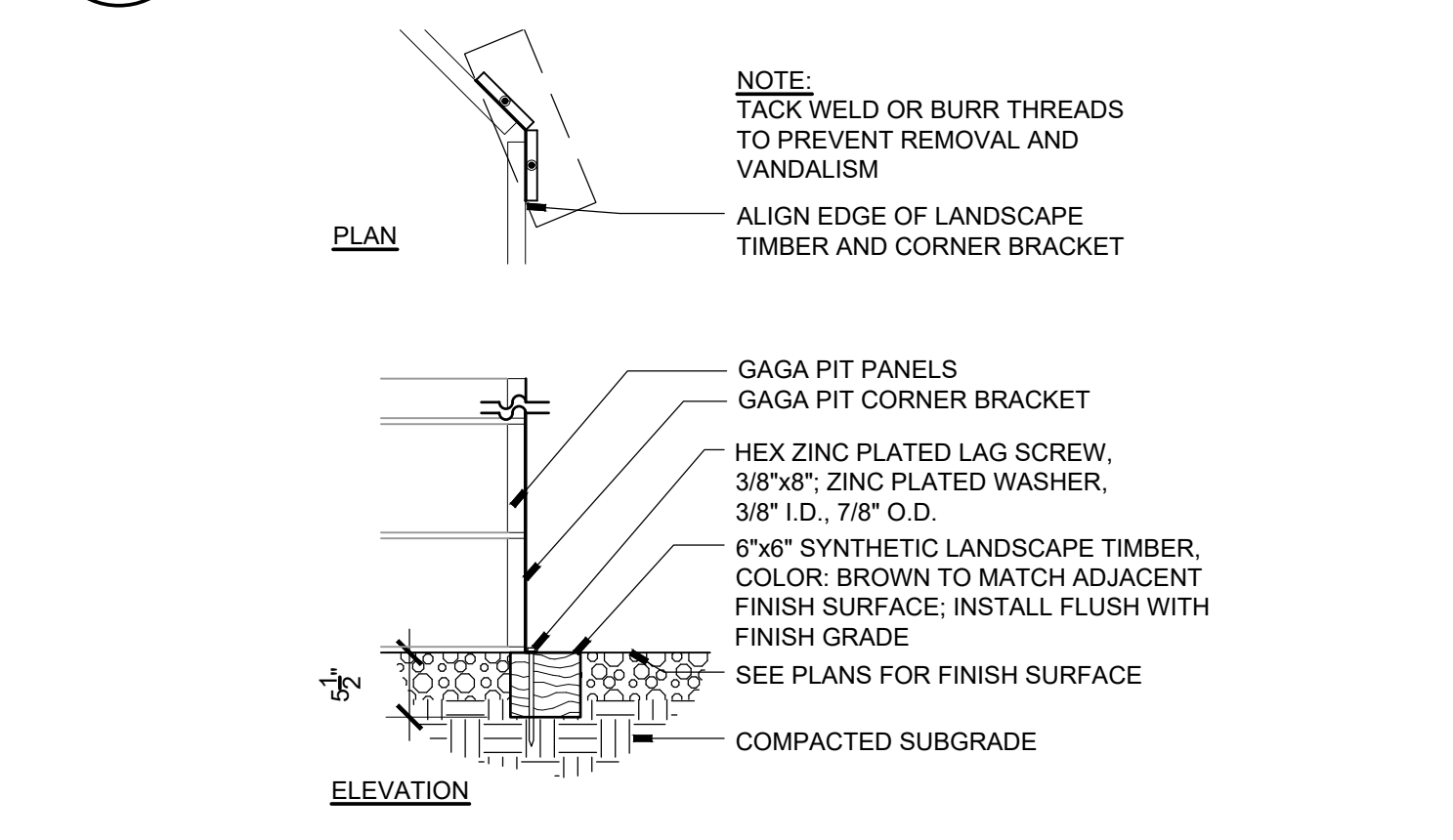
11 RESILIENT SURFACING
SCALE: 1"=1'-0" SECTION



15 BOULDER RETAINING WALL
SCALE: 1/2"=1'-0" SECTION

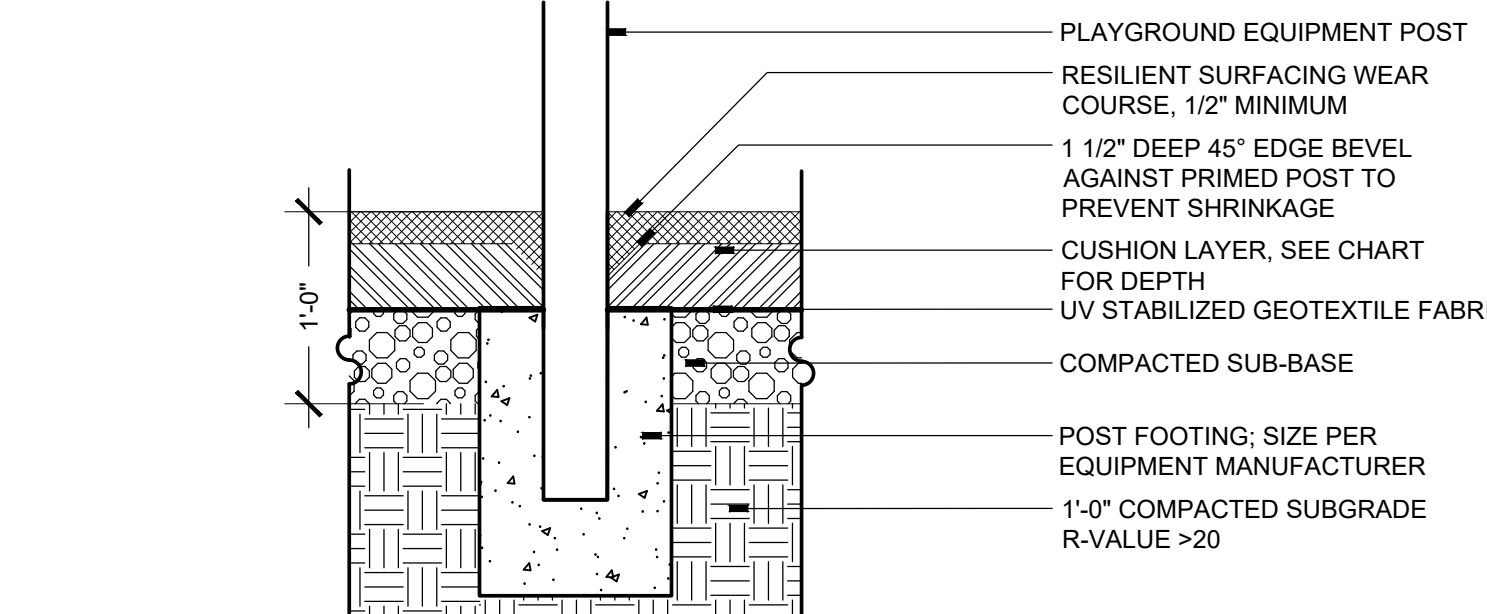


4 PARKING BUMPER
SCALE: 3/4"=1'-0" SECTION

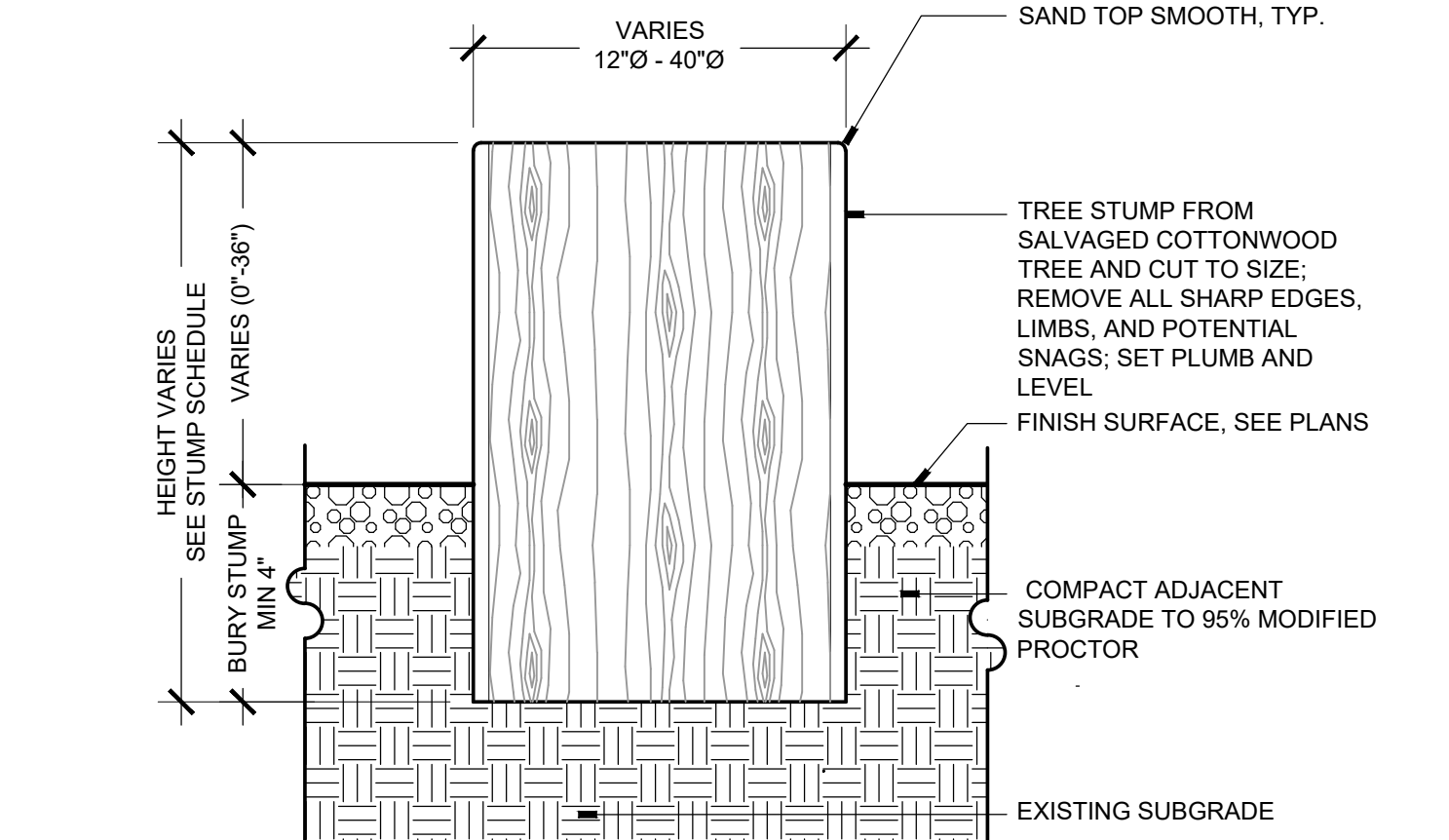


8 GAGA PIT ANCHOR
SCALE: 3/4"=1'-0" SECTION

- NOTES:**
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

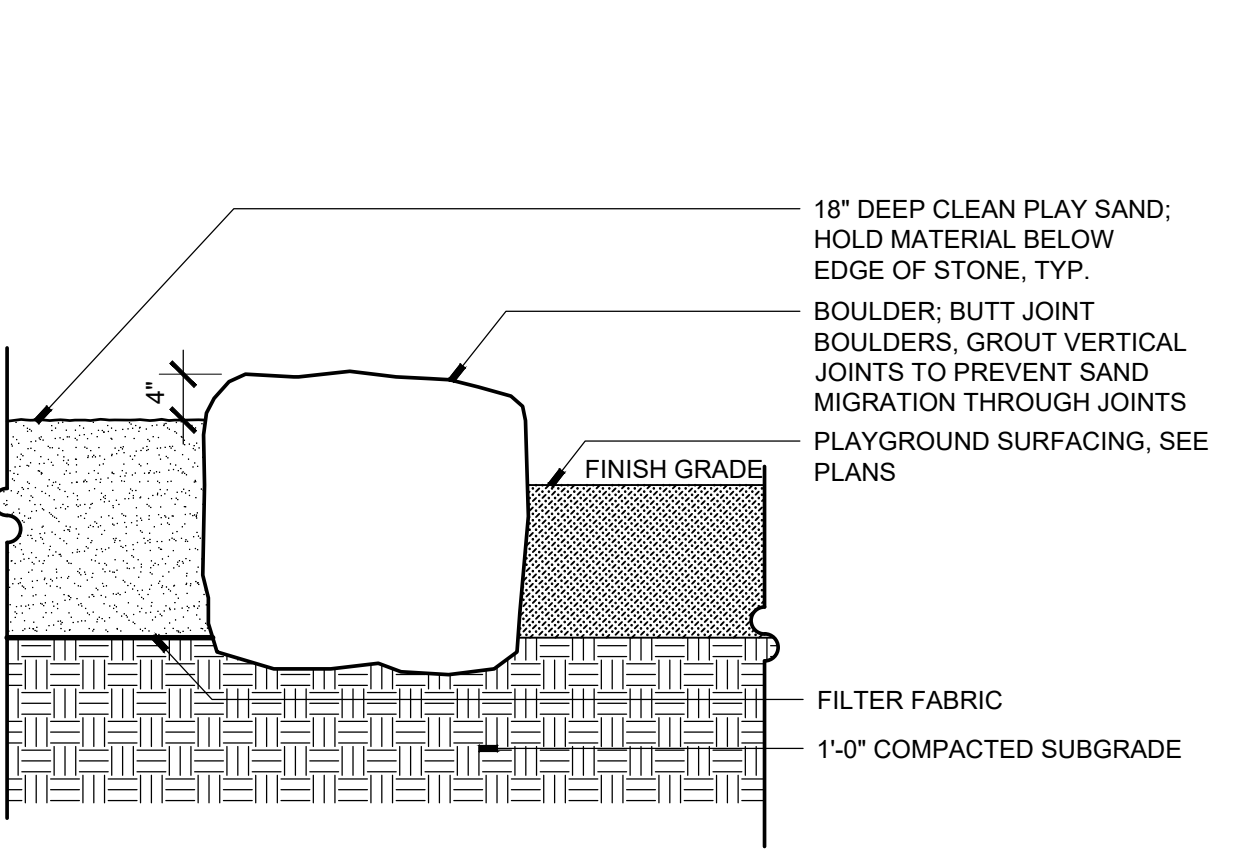


12 RESILIENT SURFACING - POST
SCALE: 1"=1'-0" SECTION



16 WOOD STUMP
SCALE: 3/4"=1'-0" SECTION

9 TIMBER CURB
SCALE: 1"=1'-0" SECTION



13 SAND BOX - BOULDER EDGE
SCALE: 3/4"=1'-0" SECTION

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t.505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t.303.960.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa street, Suite 24
Santa Fe, NM 87505
t.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

SANTA FE, NEW MEXICO

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021
SHEET TITLE

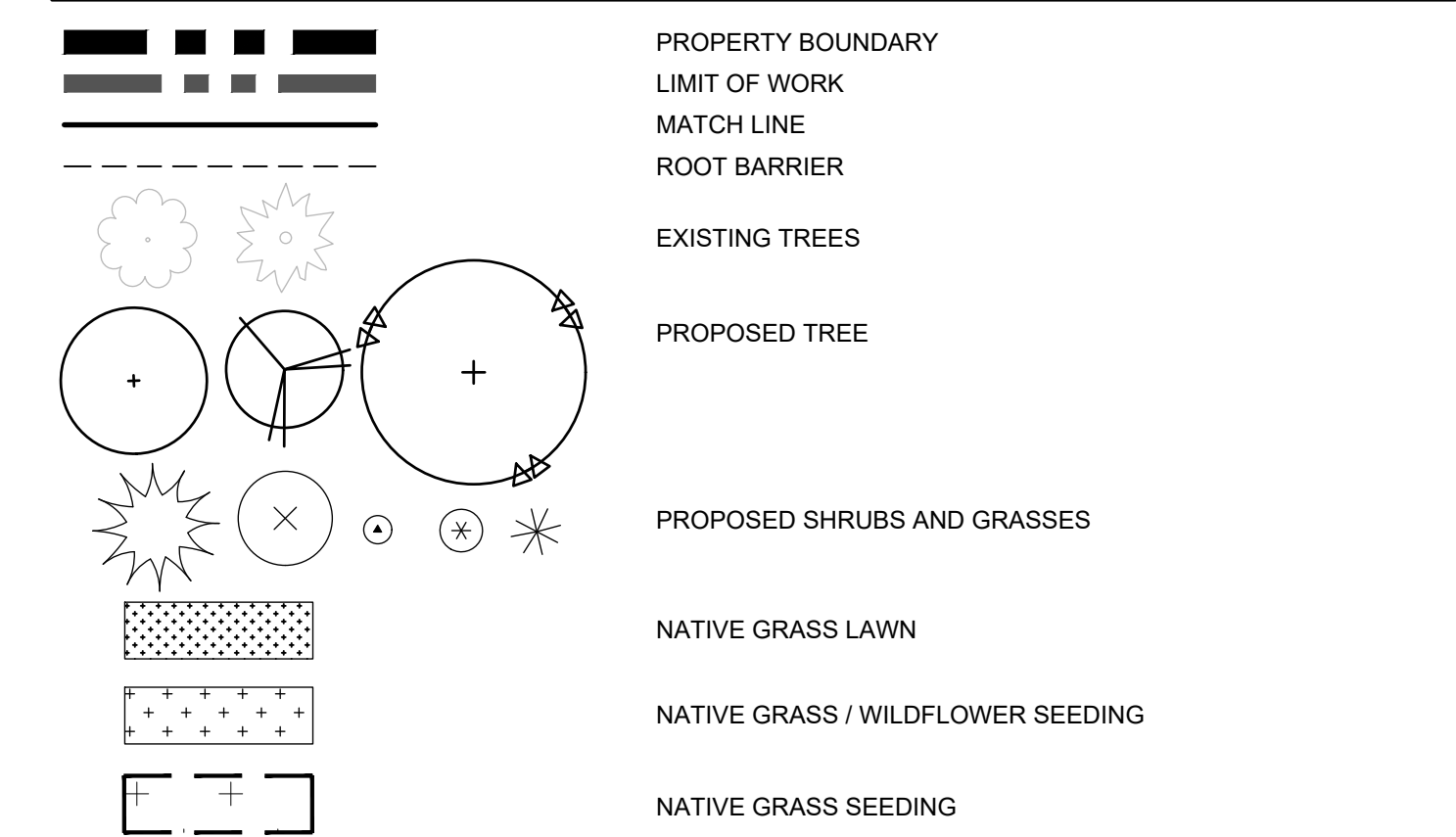
SITE DETAILS

SHEET NUMBER

L3-05



PLANTING LEGEND

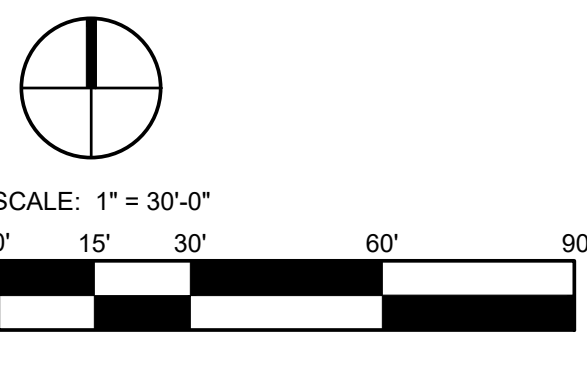
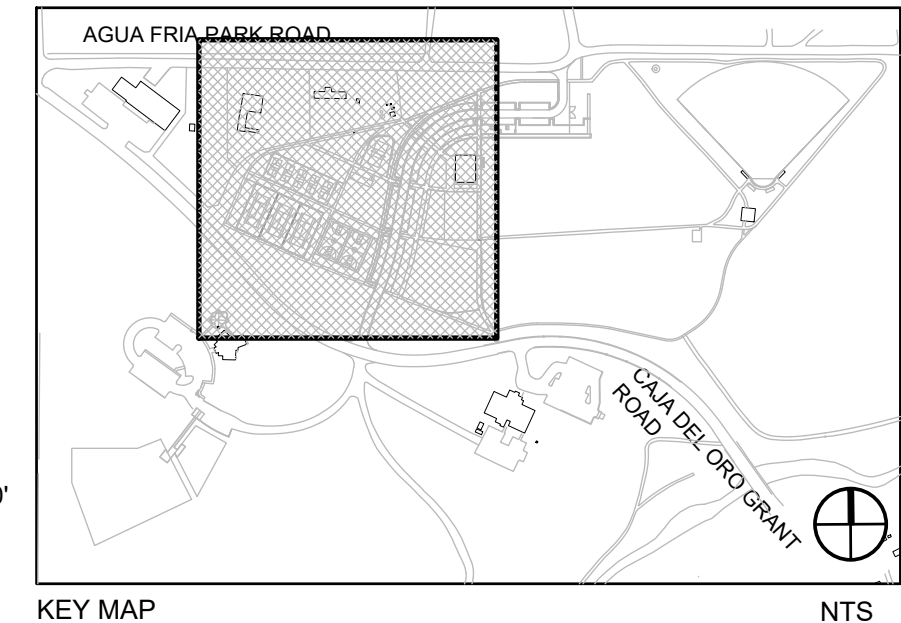


PLANTING KEYED NOTES

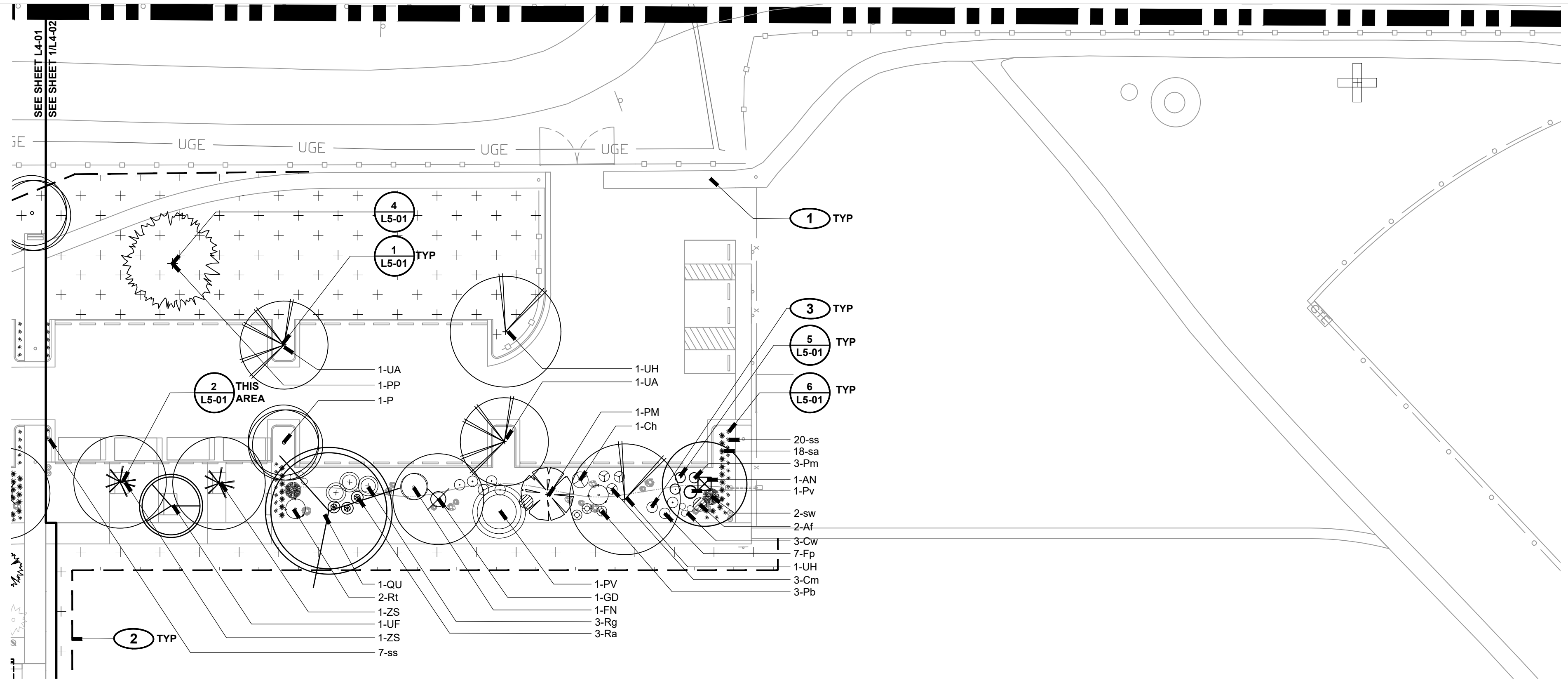
- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN.
- 2 NATIVE RESEEDING AREA; CONFIRM EXTENT OF RESEEDING IN FIELD PRIOR TO APPLICATION.
- 3 CONFIRM FINAL PLACEMENT OF PLANT MATERIAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, TYP.
- 4 INSTALL TREE TO REPLACE PREVIOUS TREE IN THIS LOCATION; REPAIR AND RECONNECT IRRIGATION TO TREE TO ENSURE ADEQUATE IRRIGATION.
- 5 INSTALL 24" DEPTH ROOT BARRIER ALONG EDGE OF CONCRETE SLAB IN AREAS INDICATED; CONFIRM EXTENTS WITH LANDSCAPE ARCHITECT.
- 6 DISTRIBUTE BULBS IN THIS PLANTING AREA; CONFIRM LAYOUT WITH LANDSCAPE ARCHITECT.

PLANT LIST

ABBR.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COMMENTS
TREES					
AN	Acer Negundo 'Sensation'	Sensation Boxelder	1	2 1/2"-3" cal.	25Wx30H
GD	Gymnocladus dioica 'Espresso'	Espresso Kentucky Coffee	2	2 1/2"-3" cal.	35Wx50H
JM	Juniperus monosperma	One Seed Juniper	3	15 gal.	15Wx20H, evergreen, female
JS	Juniperus scopulorum	Rocky Mountain Juniper	3	15 gal.	20Wx25H, evergreen, female
KP	Koeleruteria paniculata	Golden Rain Tree	1	2 1/2"-3" cal.	30Wx30H
PP	Pinus ponderosa	Ponderosa Pine	3	8'-10' B+B	40Wx70H, evergreen
P	Pistacia chinensis	Chinese Pistache	3	2'-2 1/2" cal.	30Wx40H
PA	Platanus x acerifolia 'Bloodgood'	London Plane	2	2 1/2"-3" cal.	40Wx50H
PC	Populus alba villosa	Lanceleaf Cottonwood	2	2 1/2"-3" cal.	40Wx50H, male, seedless
PW	Populus wislizeni	Rio Grande Cottonwood	6	2 1/2"-3" cal.	50Wx50H, male, seedless
QB	Quercus buckleyi	Texas Red Oak	2	2'-2 1/2" cal.	35Wx40H
QM	Quercus macrocarpa	Bur Oak	2	2 1/2"-3" cal.	70Wx60H
QU	Quercus muhlenbergii	Chinquapin Oak	1	2 1/2"-3" cal.	40Wx40H
SA	Salix amygdaloides	Peachleaf Willow	1	2'-2 1/2" cal.	60Wx50H, multistem
SV	Salix alba vitellina	Golden Russian Willow	1	2'-2 1/2" cal.	40Wx50H
TC	Tilia cordata 'Greenspire'	Linden 'Greenspire'	1	2 1/2"-3" cal.	35Wx40H
UH	Ulmus hybrid 'Accolade'	Accolade Elm	2	2 1/2"-3" cal.	40Wx50H
UF	Ulmus hybrid 'Frontier'	Frontier Elm	2	2 1/2"-3" cal.	30Wx40H
UA	Ulmus parvifolia 'Allee'	Allee Elm	4	2 1/2"-3" cal.	35Wx50H
UR	Ulmus propinqua	Elm 'Emerald Sunshine'	2	2 1/2"-3" cal.	25Wx30H
ZS	Zelkova serrata 'Green Vase'	Japanese Zelkova	3	2'-2 1/2" cal.	50Wx60H
*Trees located within the playground shall have minimum 3.5" cal.					
SMALL ORNAMENTAL TREES					
CL	Chilopsis linearis	Desert Willow	5	15 gal.	20Wx20H, multistem
FN	Forestiera neomexicana	New Mexican Privet	4	15 gal.	20Wx20H, multistem
JW	Juniperus scopulorum 'Wichita Blue'	Wichita Blue Juniper	11	15 gal.	6Wx15H, evergreen
FRUIT / FLOWERING TREES					
ML	Malus 'Lobo'	Lobo Apple	2	1 1/2"-2" cal.	15Wx20H
MR	Malus 'Radiant'	Crabapple 'Radiant'	2	1 1/2"-2" cal.	20Wx25H
PM	Prunus armeniaca mandshurica	Manchurian Flowering Apricot	1	1 1/2"-2" cal.	
PR	Prunus avium 'Stella'	Stella Sweet Cherry	1	1 1/2"-2" cal.	20Wx30H
PR	Prunus domestica 'Green Gage'	Green Gage Plum	1	1 1/2"-2" cal.	20Wx20H
PR	Prunus domestica 'Stanley'	Stanley Plum	1	1 1/2"-2" cal.	10Wx10H
SHRUBS					
AF	Amorpha fruticosa	Indigo Bush	1	5 gal	4Wx4H
Ac	Atriplex canescens	Four Wing Saltbush	8	5 gal	4Wx4H
Ci	Cercocarpus intricatus	Littleleaf Mountain Mahogany	3	5 gal	5Wx6H
Cw	Ceratoides lanata	Winterfat	6	5 gal	3Wx3H
Ch	Cercocarpus montanus	Curt Leaf Mountain Mahogany	2	5 gal	8Wx12H
Fp	Fallugia paradoxa	Apache Plume	21	5 gal	4Wx6H
Nm	Nolina microcarpa	Bear Grass	2	5 gal	8Wx5H
Pm	Philadelphus microphyllus	Littleleaf Mockorange	3	5 gal	5Wx5H
Pb	Prunus besseyi 'Pawnee Buttes'	Creeping Sand Cherry	9	5 gal	5Wx2H
Pv	Prunus virginiana	Native Chokecherry	1	5 gal	10Wx15H
Ra	Ribes aureum	Golden currant	8	5 gal	6Wx4H
Rg	Rhus aromatica 'gro low'	Dwarf Fragrant Sumac	8	5 gal	6Wx3H
RT	Rhus trilobata	Three-leaf Sumac	8	5 gal	6Wx6H
Sp	Salix purpurea	Arctic Willow	5	5 gal	6Wx6H
Yb	Yucca baccata	Banana Yucca	3	5 gal	3W
GRASSES / PERENNIALS / VINES					
as	Allium scitulum bulgaricum	Sicilian Honey Lily	1	bag of 200	3H
al	Artemisia ludoviciana 'Valerie Finnis'	Prairie Sage	12	1 gal	3Wx2H
fl	Festuca idahoensis 'siskeyou blue'	Idaho Alkali Blue Fescue	6	1 gal	1.5Wx1.5H, evergreen
gj	Geranium 'Johnson's Blue'	Johnson's Blue Geranium	16	1 gal	1Wx1.5H, blue flowers
hs	Helictotrichon sempervirens	Blue Avena	32	1 gal	2W x4H
mr	Muhlenbergia rigens	Deergrass	14	1 gal	4Wx4H
pv	Panicum virgatum	Switch Grass 'Heavy Metal'	19	1 gal	2Wx5H
ss	Schizachyrium scoparium 'The Blues'	Little Bluestem	89	1 gal	2Wx2H
sa	Sporobolus airoides	Alkali Sacaton	60	1 gal	2Wx4H
sw	Sporobolus wrightii	Giant Sacaton	9	1 gal	6Wx8H
vi	Vitis labrusca 'Glenora'	Glenora Grape	5	1 gal	6Wx8H, self pollinating, seedless

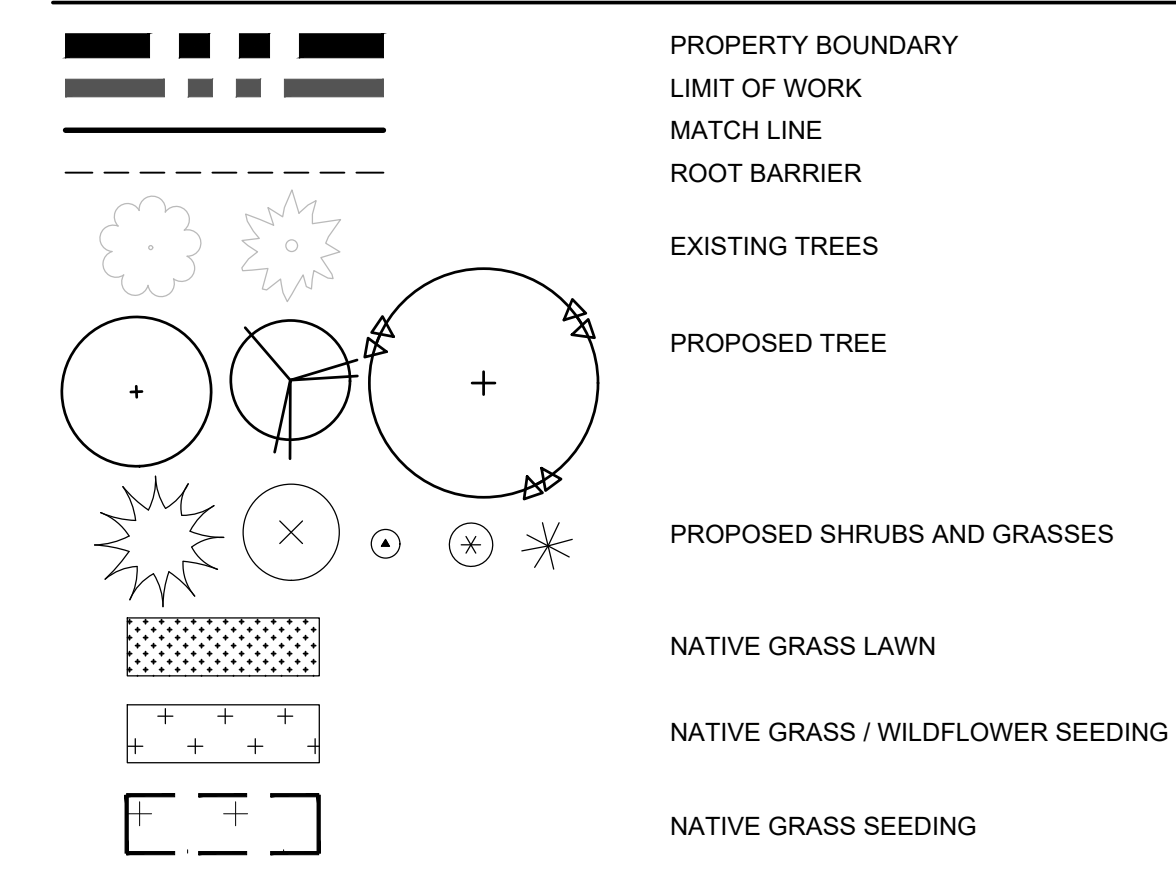


REVISIONS		
ISSUED	DATE	DESCRIPTION
<p>design office landscape planning urbanism</p> <p>DESIGN OFFICE 1300 Luisa street, Suite 24 Santa Fe, NM 87505 t 505.983.1415 www.do-designoffice.com</p> <p>HYDROSYSTEMS KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-9554 t 303.960.5327 www.hydrosystemsdi.com</p>		
<p>ROMERO PARK - SITE IMPROVEMENTS</p> <p>SANTA FE COUNTY</p> <p>SANTA CAJA DEL ORO GRANT ROAD</p> <p>SANTA FE, NEW MEXICO 87507</p>		
DRAWN BY	DATE	
CH	April 16, 2021	
SHEET TITLE		
PLANTING PLAN - WEST		
SHEET NUMBER		
L4-01		



1 NORTH PARKING AREA PLANTING
L4 02 SCALE: 1" = 30'-0"

PLANTING LEGEND

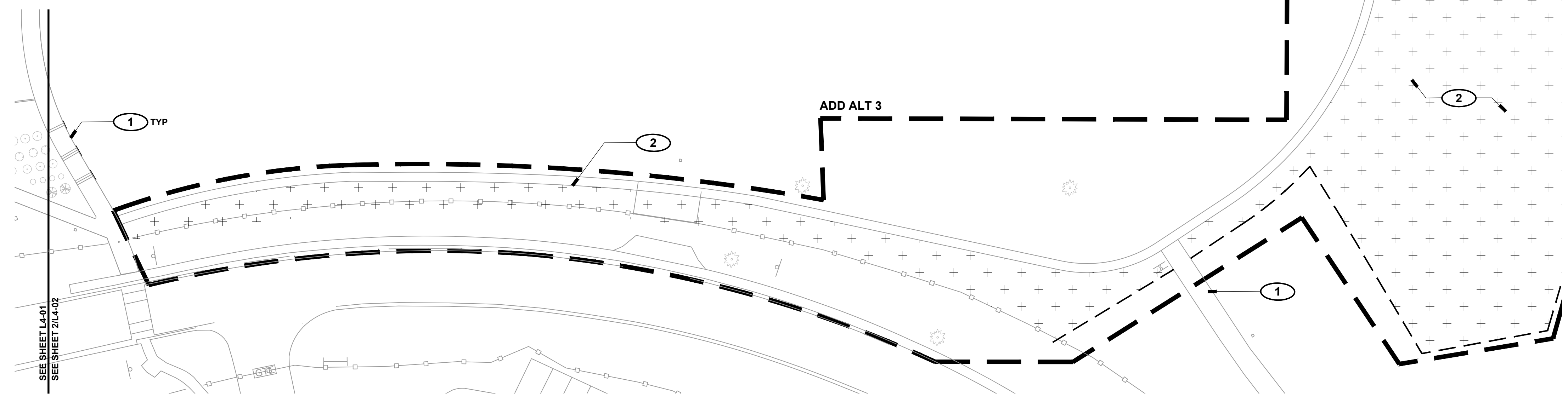


PLANTING KEYED NOTES

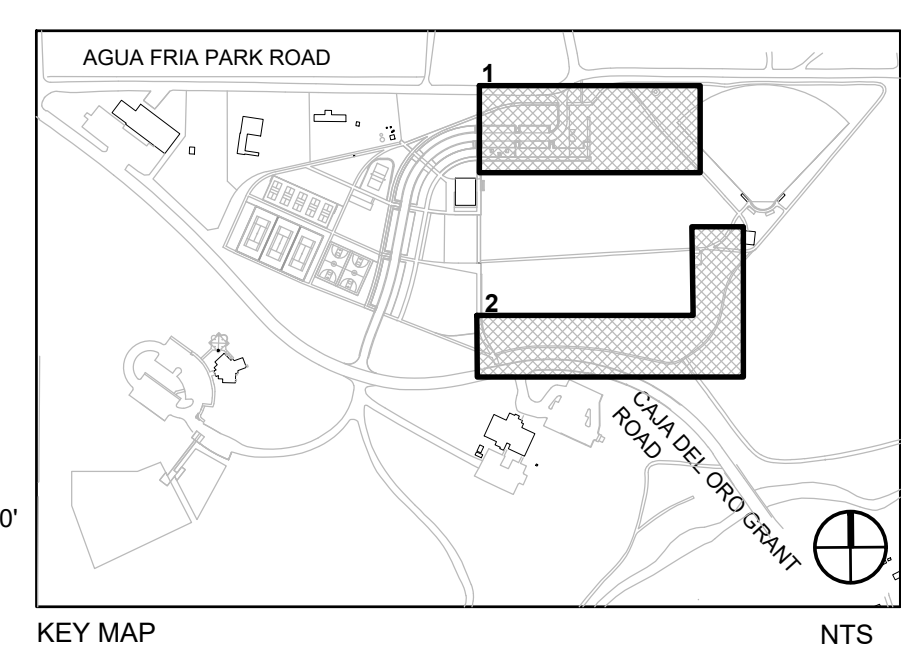
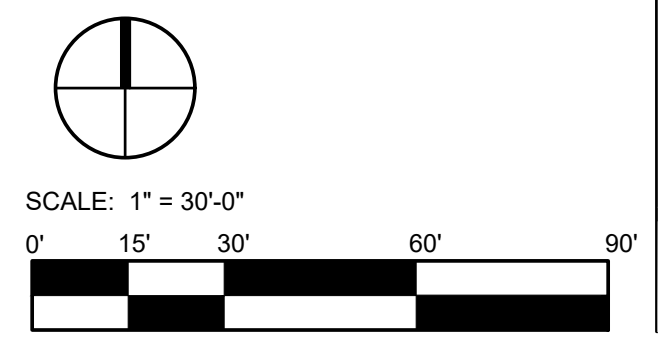
- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2 NATIVE GRASS RESEEDING AREA; CONFIRM; EXTENT OF RESEEDING IN FIELD PRIOR TO APPLICATION.
- 3 CONFIRM FINAL PLACEMENT OF PLANT MATERIAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, TYP.

PLANT LIST

ABBR.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COMMENTS
TREES					
AN	Acer Negundo 'Sensation'	Sensation Boxelder	1	2 1/2"-3" cal.	25Wx30H
GD	Gymnocladus dioicus 'Espresso'	Espresso Kentucky Coffee	1	2 1/2"-3" cal.	35Wx50H
P	Platanus chinensis	Chinese Platanus	1	2"-2 1/2" cal.	30Wx40H
PP	Pinus ponderosa	Ponderosa Pine	1	8'-10' B+B	40Wx70H, evergreen
PV	Prunus virginiana 'Canada Red'	Canada Red Chokecherry	1	2 1/2"-3" cal.	20Wx25H
QU	Quercus muhlenbergii	Chinkapin Oak	1	2 1/2"-3" cal.	40Wx40H
UH	Ulmus hybrid 'Accolade'	Accolade Elm	2	2 1/2"-3" cal.	40Wx50H
UF	Ulmus hybrid 'Frontier'	Frontier Elm	1	2 1/2"-3" cal.	30Wx40H
UA	Ulmus parvifolia 'Allee'	Allee Elm	2	2 1/2"-3" cal.	35Wx50H
ZS	Zelkova serrata 'Green Vase'	Japanese Zelkova	2	2 1/2"-3" cal.	50Wx60H
SMALL ORNAMENTAL TREES					
FN	Forsythia neomexicana	New Mexican Privet	1	15 gal.	20Wx20H, multi-trunk
FRUIT / FLOWERING TREES					
PM	Prunus armeniaca mandshurica	Manchurian Flowering Apricot	1	1 1/2"-2" cal.	final fruit tree selection tbd pending availability
SHRUBS					
Af	Amorpha fruticosa	Indigo Bush	2	5 gal	4Wx4H
Cw	Ceratoides lanata	Winterfat	3	5 gal	3Wx3H
Ch	Cercocarpus montanus	Curl Leaf Mountain Mahogany	1	5 gal	6Wx12H
Cm	Chamaebatiaria millefolium	Fernbush	3	5 gal	7Wx6H
Fp	Fallugia paradoxa	Apache Plume	7	5 gal	4Wx6H
Pm	Philadelphus microphyllus	Littleleaf Mockorange	3	5 gal	5Wx5H
Ra	Ribes aureum	Golden currant	3	5 gal	5Wx6H
Rg	Rhus aromatica 'gro low'	Gro Low Sumac	3	5 gal	6Wx3H
Rt	Rhus trilobata	Three Leaf Sumac	2	5 gal	6Wx6H
Pb	Prunus besseyi 'Pawnee Buttes'	Creeping Sand Cherry	3	5 gal	6Wx2H
Pv	Prunus virginiana	Native Chokecherry	1	5 gal	10Wx15H
GRASSES / PERENNIALS					
ss	Schizachyrium scoparium	Little Bluestem	27	1 gal	1.5Wx2H
sa	Sporobolus airoides	Alkali Sacaton	18	1 gal	2Wx4H
sw	Sporobolus wrightii	Giant Sacaton	2	1 gal	6Wx8H



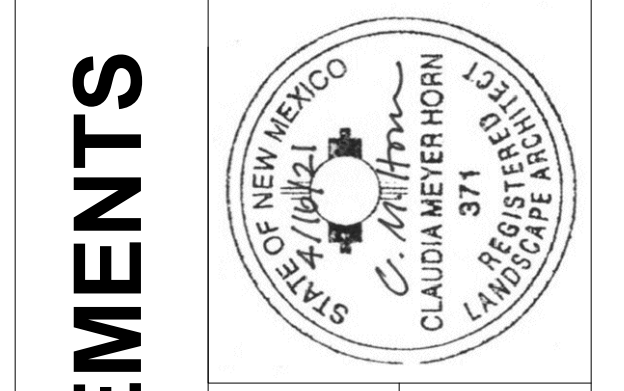
2 PERIMETER TRAIL SEEDNG
L4 02 SCALE: 1" = 30'-0"



REVISIONS		
ISSUED	DATE	DESCRIPTION

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t.505.983.1415
www.do-designoffice.com

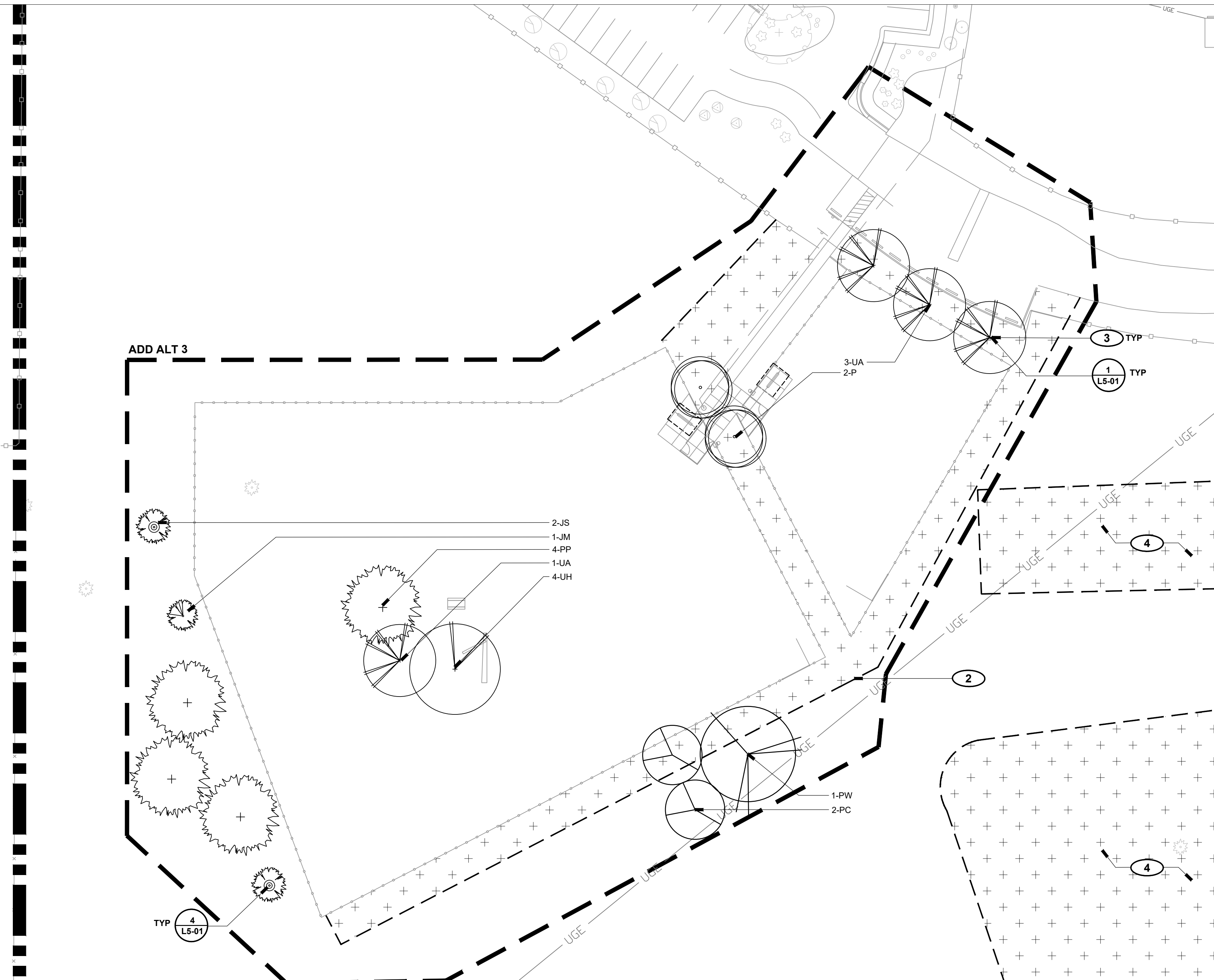


ROMERO PARK - SITE IMPROVEMENTS

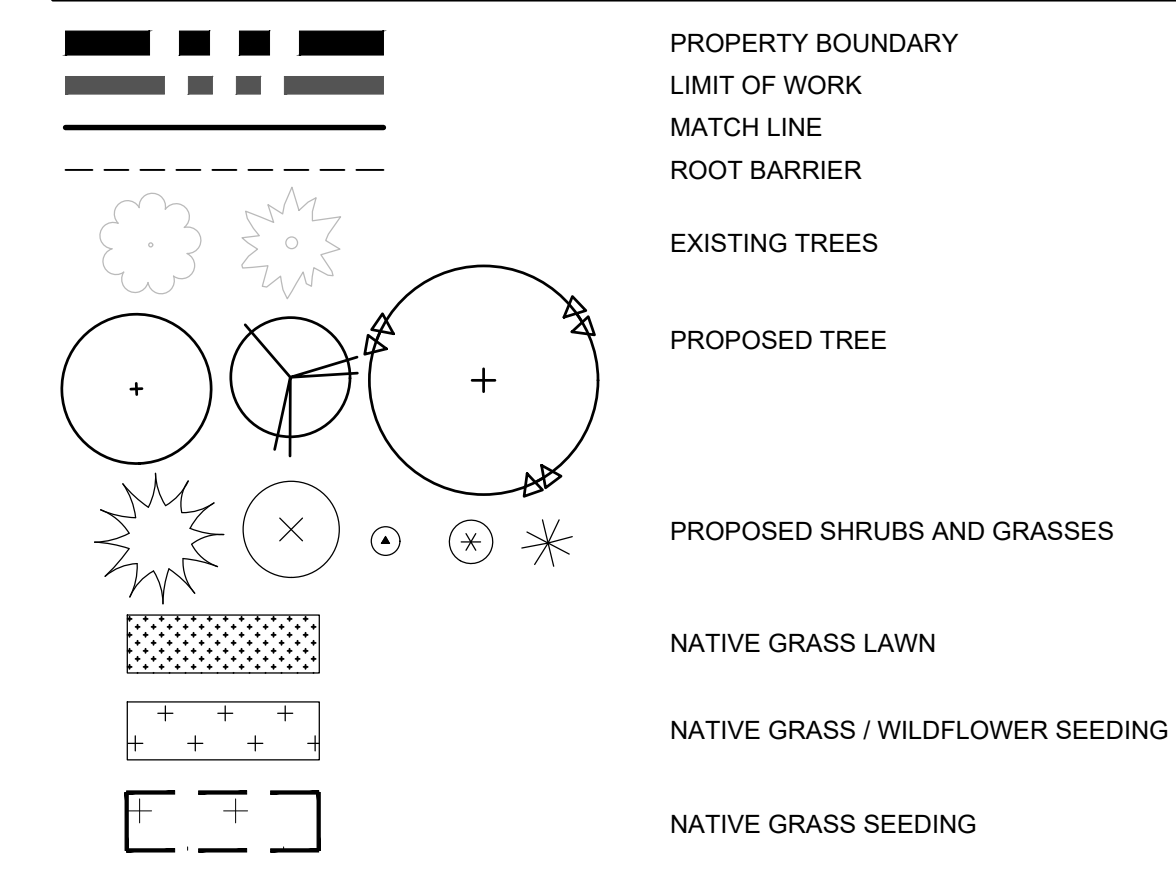
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY	CH	DATE	April 16, 2021
SHEET TITLE			
PLANTING PLAN - CENTRAL			
SHEET NUMBER			
L4-02			



PLANTING LEGEND



PLANTING KEYED NOTES

- 1 PRESERVE AND PROTECT EXISTING SITE ELEMENTS TO REMAIN, TYP.
- 2 NATIVE GRASS RESEEDING AREA; CONFIRM; EXTENT OF RESEEDING IN FIELD PRIOR TO APPLICATION.
- 3 CONFIRM FINAL PLACEMENT OF PLANT MATERIAL IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, TYP.
- 4 FORMER AGUA FRIA DUMP SITE LOCATION, APPROX. 2.5 ACRES (ENDS BEYOND PLAN LIMITS); RESEED DISTURBED AREA WITH NATIVE GRASS SEED, CONFIRM EXTENTS IN THE FIELD, TYP.; NIC.

PLANT LIST

ABBR.	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	COMMENTS
TREES					
JM	Juniperus monosperma	One Seed Juniper	1	15 gal.	15Wx20H, evergreen, female
JS	Juniperus scopulorum	Rocky Mountain Juniper	2	15 gal.	20Wx25H, evergreen, female
PP	Pinus ponderosa	Ponderosa Pine	4	8'-10' B+B	40Wx70H, evergreen
P	Pistacia chinensis	Chinese Pistache	2	2 1/2"-3" cal.	30Wx40H
PC	Populus acuminata	Lanceleaf Cottonwood	2	2 1/2"-3" cal.	40Wx50H, male, seedless
PW	Populus wislizeni	Rio Grande Cottonwood	1	2 1/2"-3" cal.	50Wx50H, male, seedless
UH	Ulmus hybrid "Accolade"	Accolade Elm	1	2 1/2"-3" cal.	40Wx50H
UA	Ulmus parvifolia "Allee"	Allee Elm	4	2 1/2"-3" cal.	40Wx45H

REVISIONS

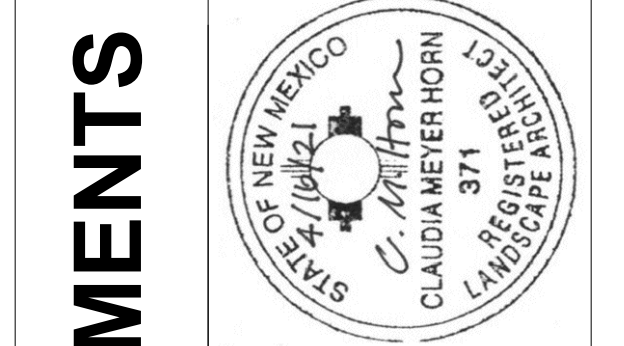
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t.505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
t.303.960.5327
www.hydrosystems-kdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t.505.983.1415
www.do-designoffice.com



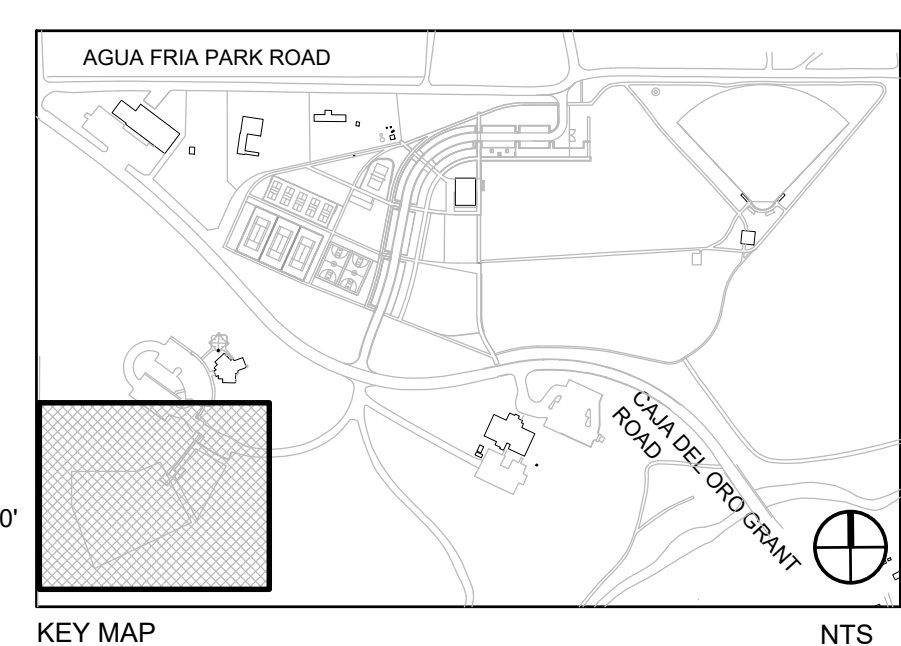
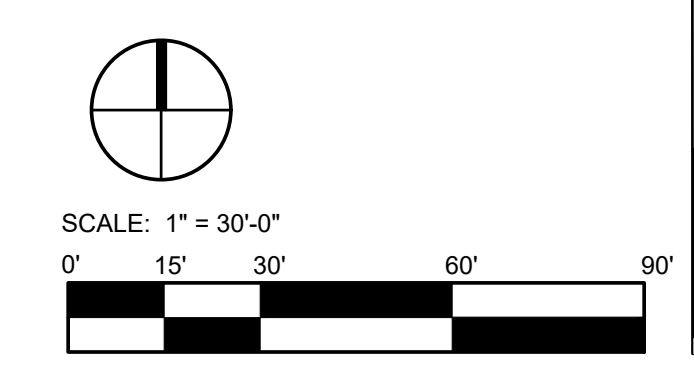
ROMERO PARK - SITE IMPROVEMENTS

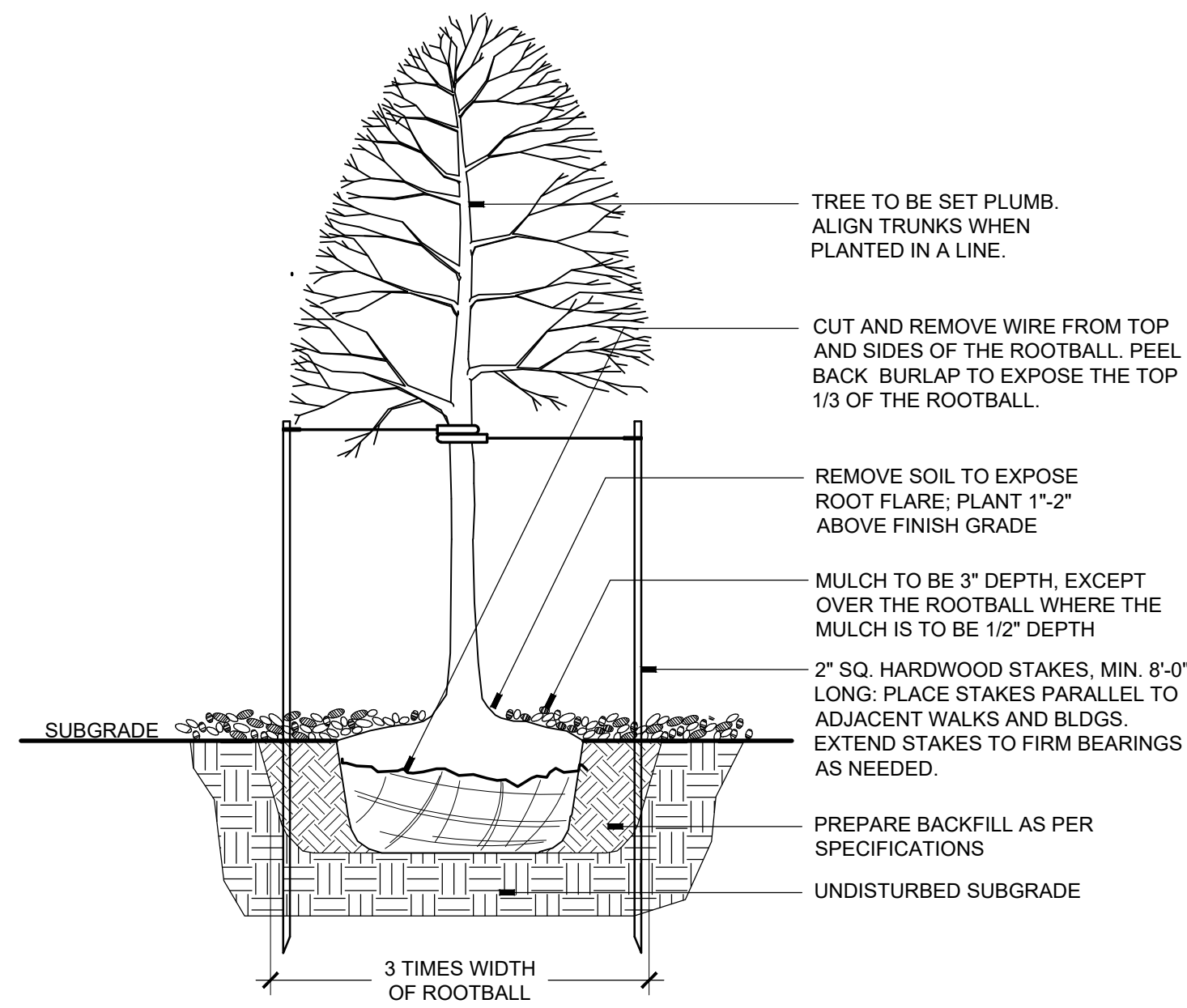
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

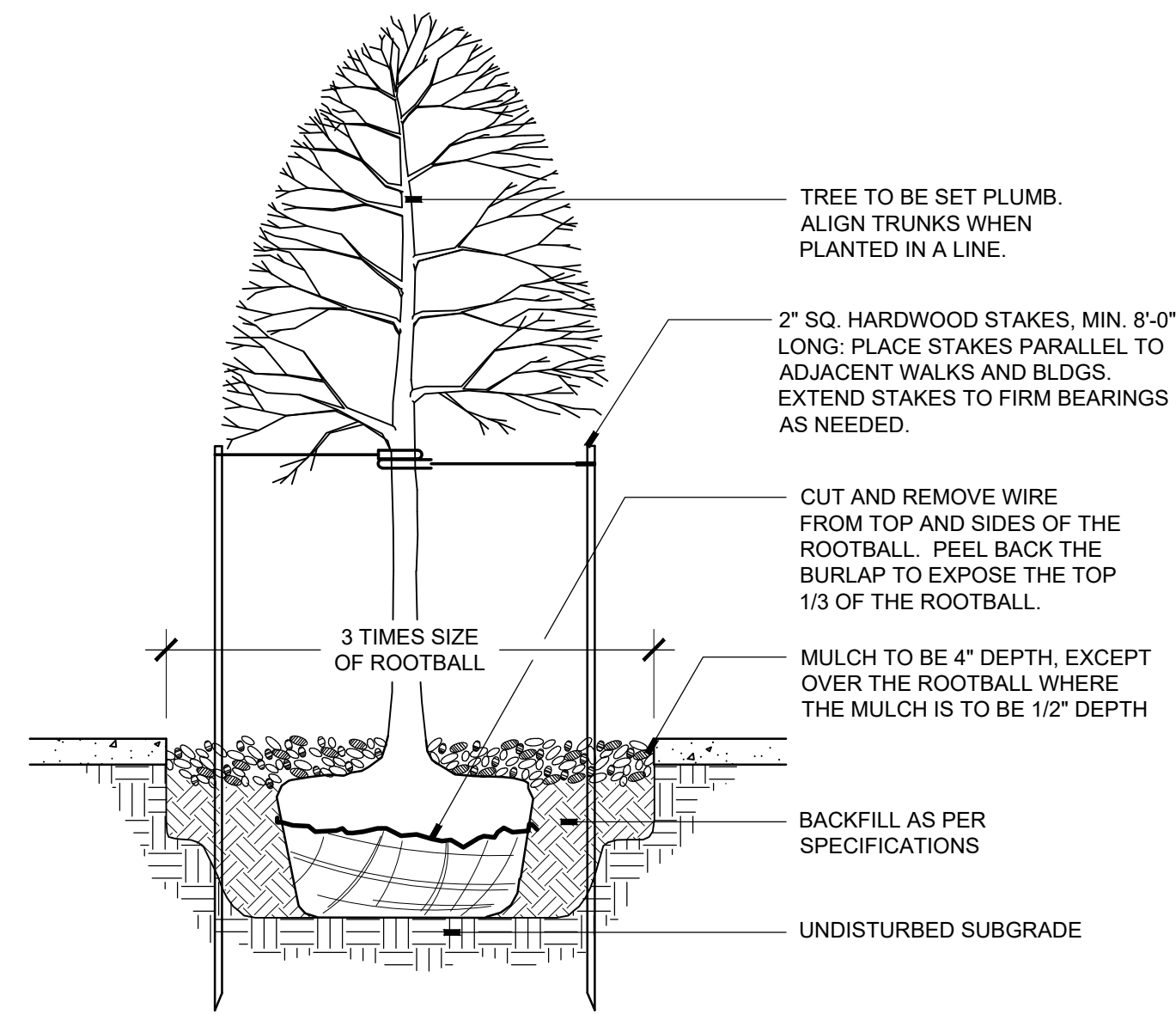
DRAWN BY CH DATE April 16, 2021
SHEET TITLE
PLANTING PLAN - DOG PARK

SHEET NUMBER
L4-03

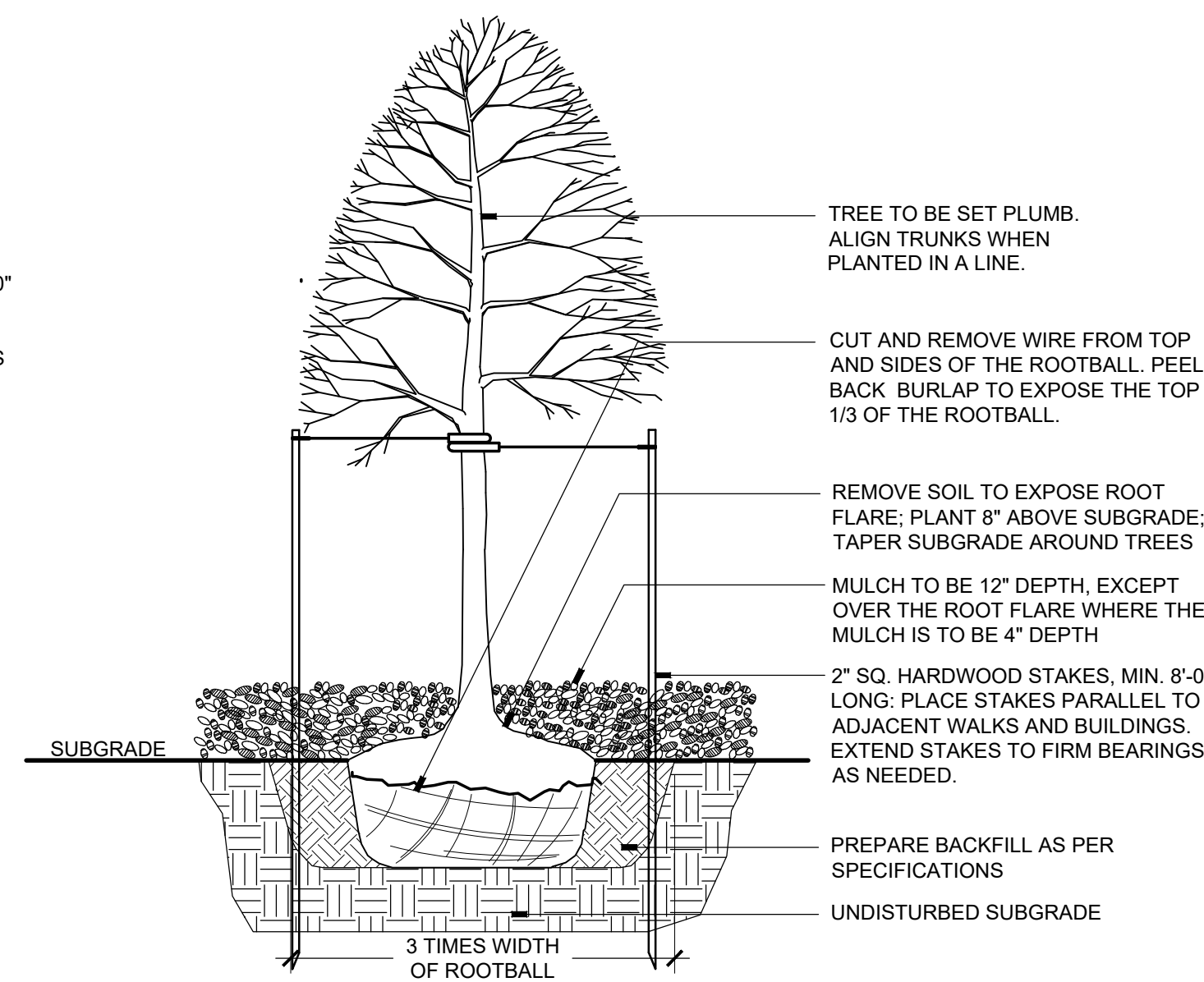




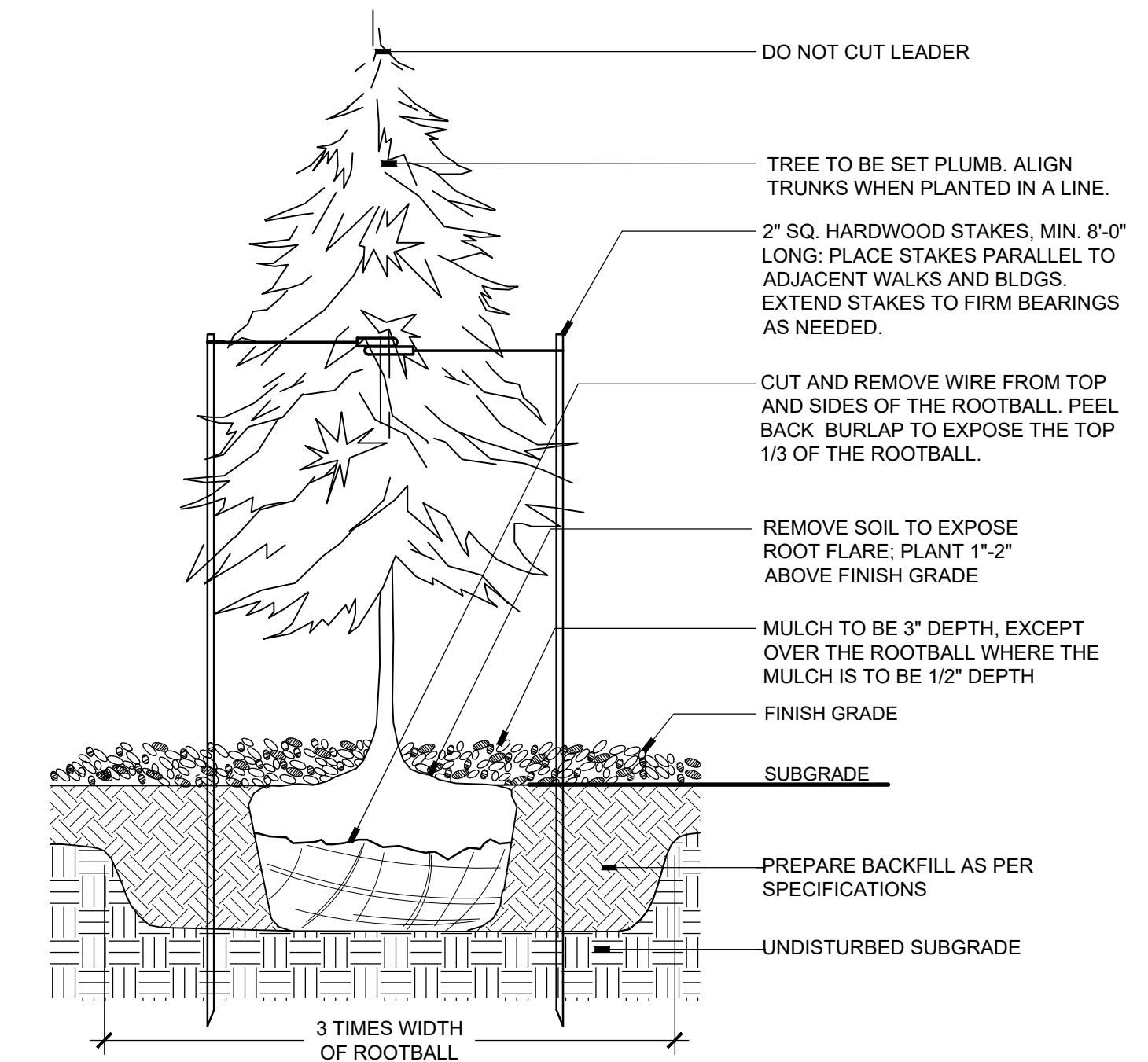
1 TREE PLANTING
SCALE: 1/2"=1'-0"
SECTION



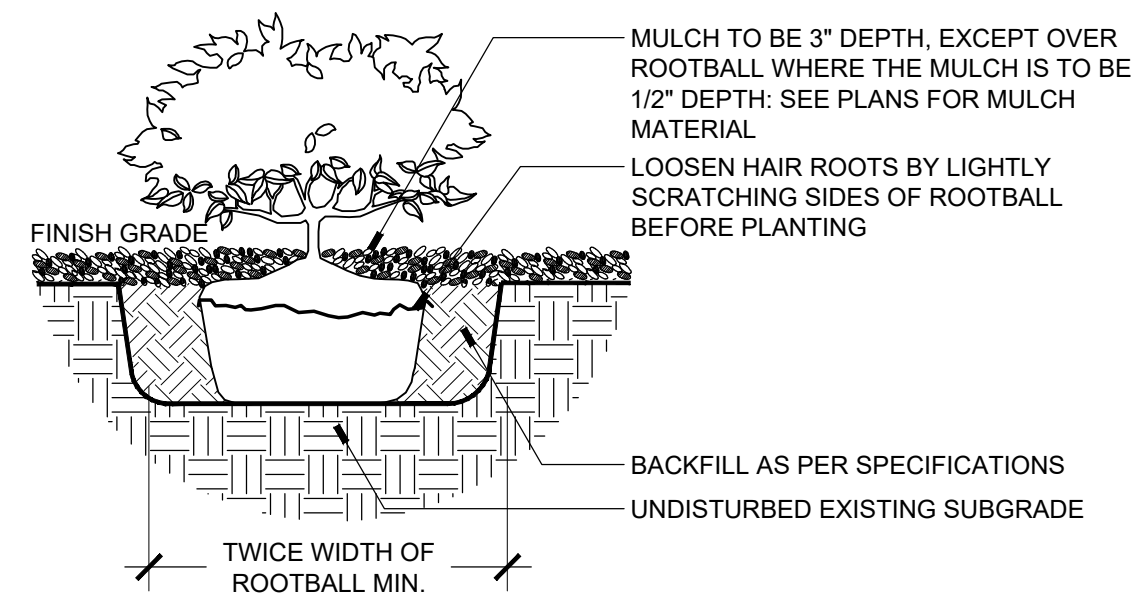
2 TREE PLANTING IN PLANTER
SCALE: 1/2"=1'-0"
SECTION



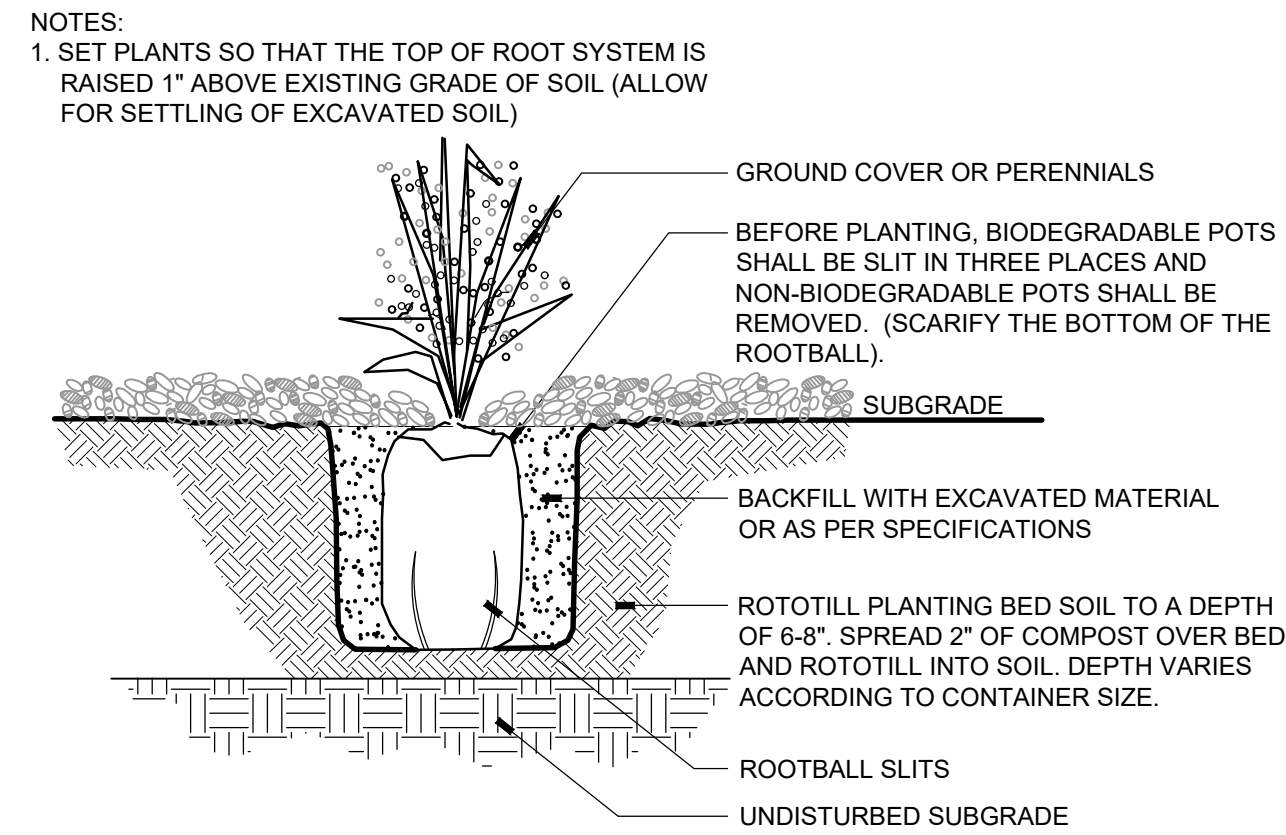
3 TREE PLANTING IN PLAYGROUND
SCALE: 1/2"=1'-0"
SECTION



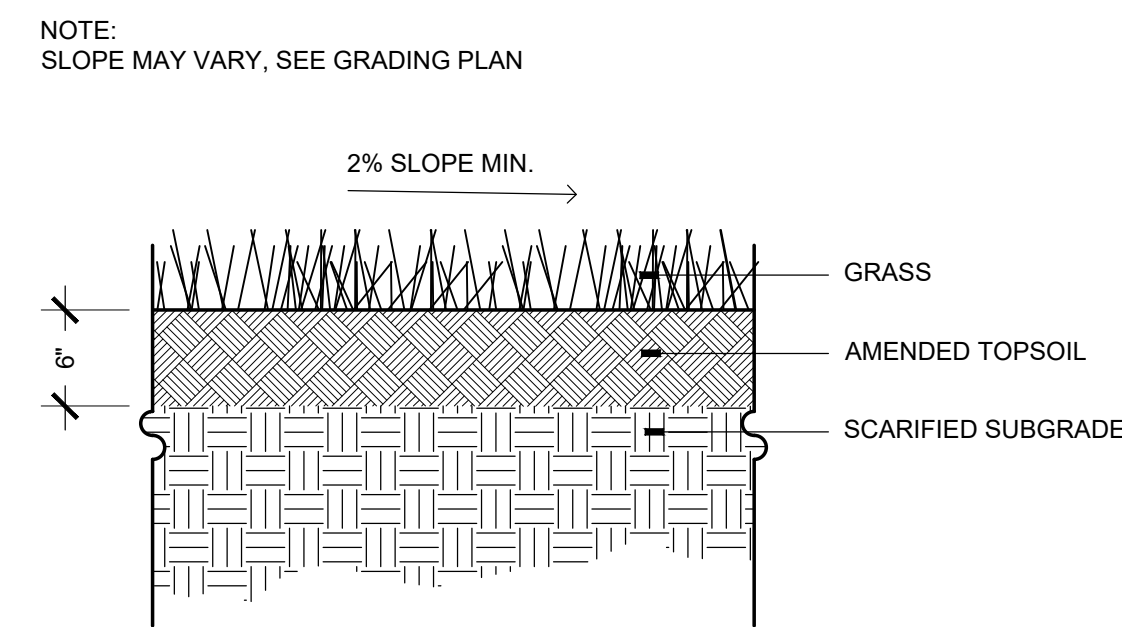
4 EVERGREEN PLANTING
SCALE: 1/2"=1'-0"
SECTION



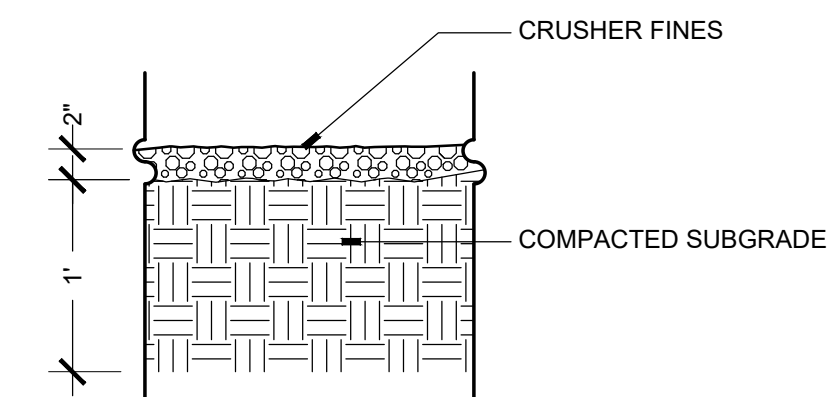
5 SHRUB PLANTING
SCALE: 1"=1'-0"
SECTION



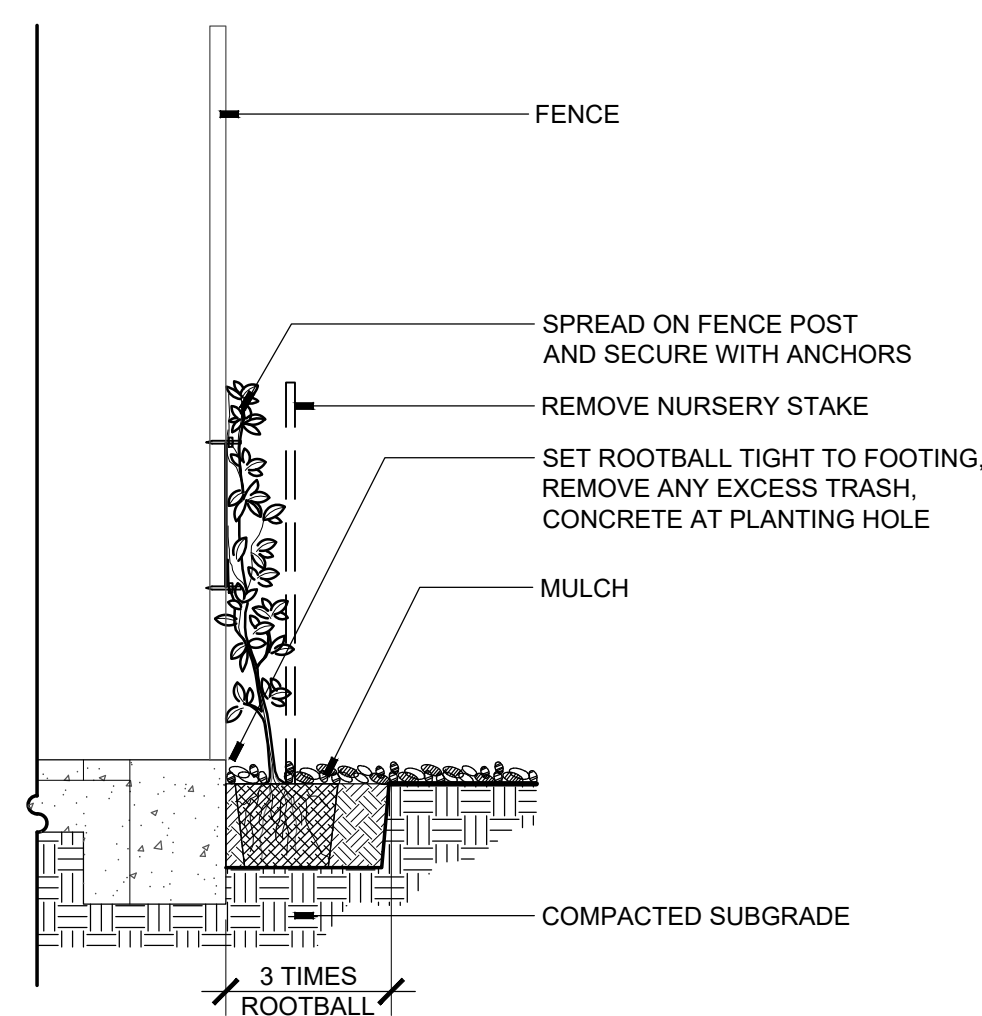
6 PERENNIAL PLANTING
SCALE: 1"=1'-0"
SECTION



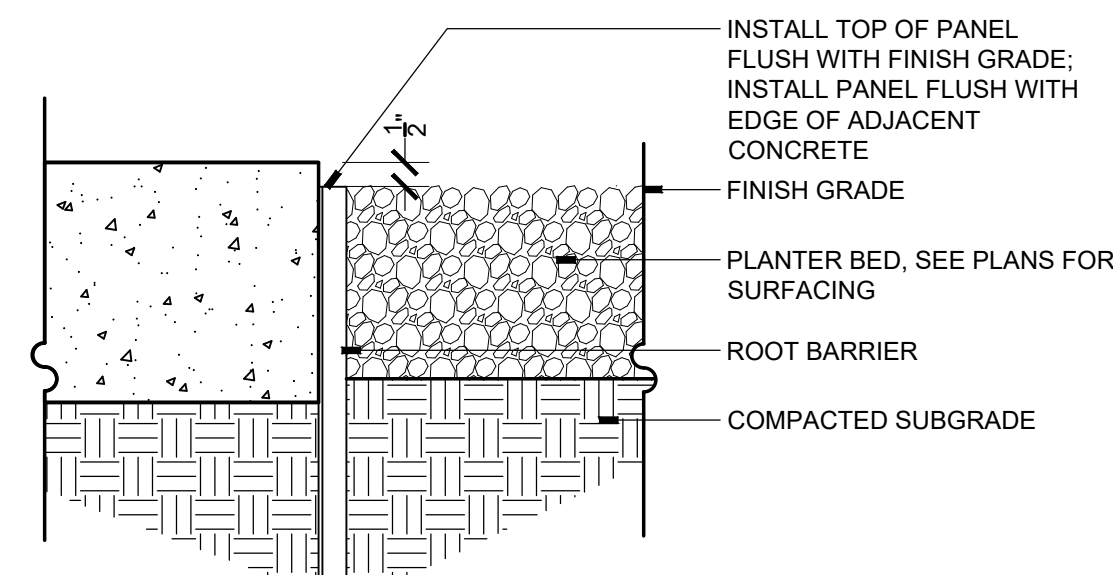
7 NATIVE GRASS LAWN
SCALE: 1"=1'-0"
SECTION



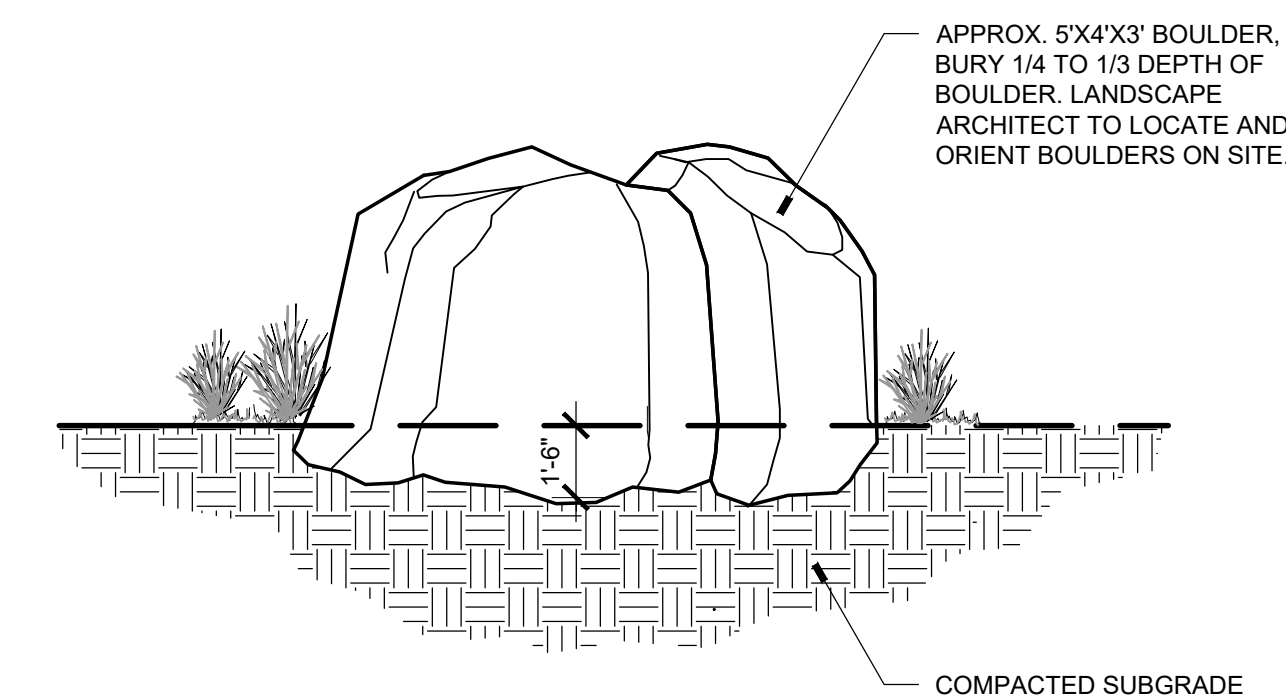
8 CRUSHER FINES MULCH
SCALE: 1"=1'-0"
SECTION



9 VINE PLANTING
SCALE: 1"=1'-0"
SECTION



10 ROOT BARRIER
SCALE: 3"=1'-0"
SECTION



11 BOULDER
SCALE: 1/4"=1'-0"
SECTION

NOTES:
1. SET PLANTS SO THAT THE TOP OF ROOT SYSTEM IS RAISED 1" ABOVE EXISTING GRADE OF SOIL (ALLOW FOR SETTLING OF EXCAVATED SOIL)

NOTE:
SLOPE MAY VARY, SEE GRADING PLAN

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t.505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9954
t.303.960.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

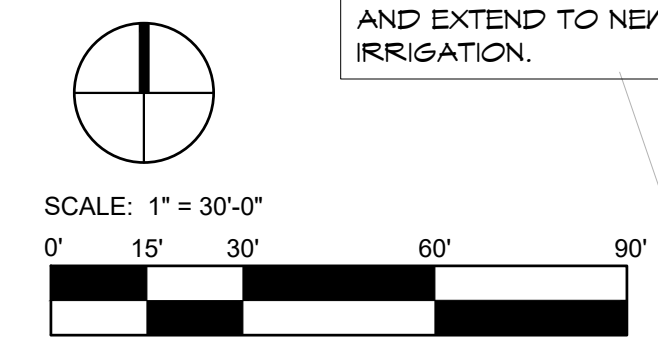
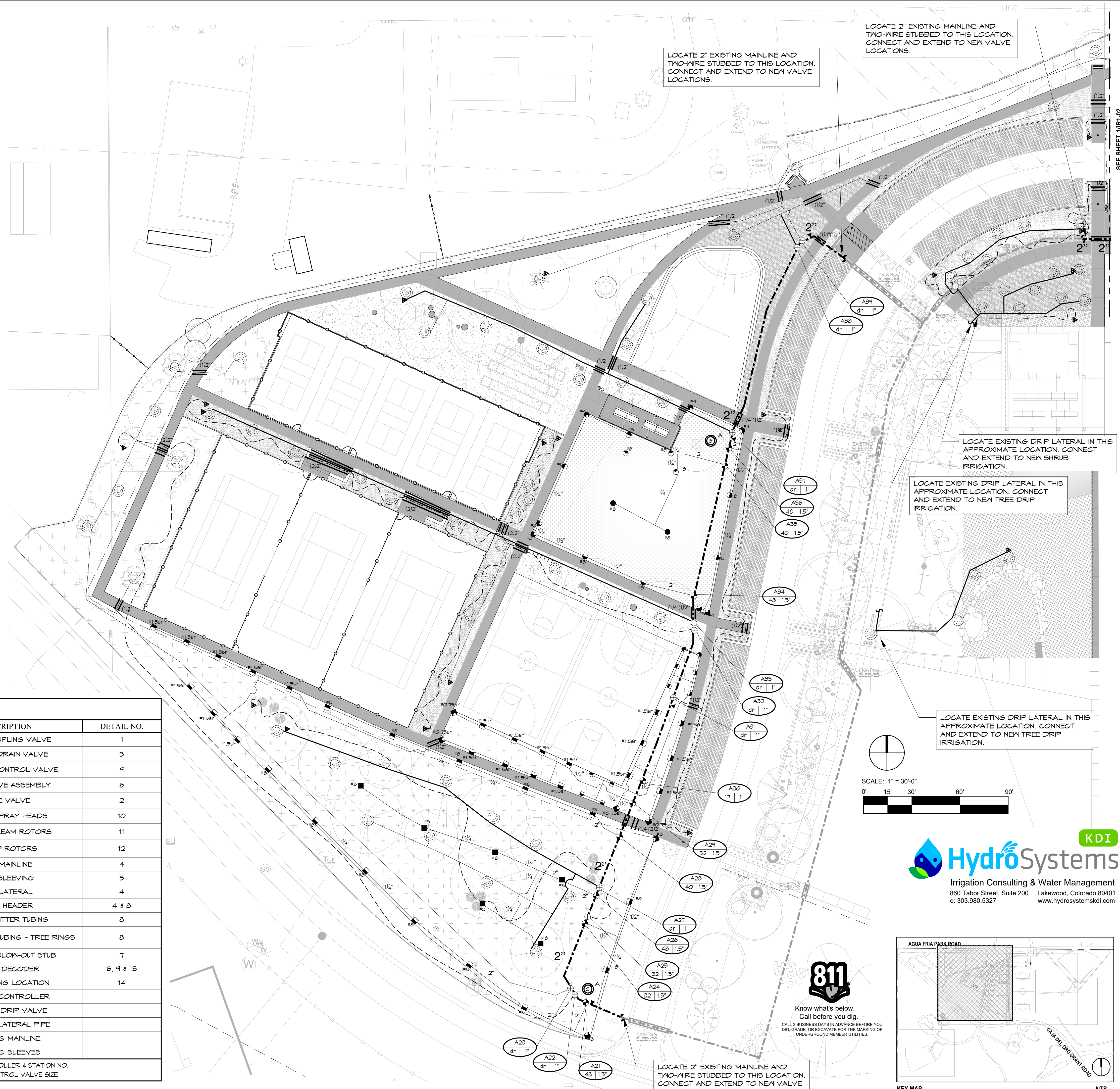
STATE OF NEW MEXICO
CLAUDIA MEYER HORN
LANDSCAPE ARCHITECT

DRAWN BY: CH
DATE: April 16, 2021
SHEET TITLE: **PLANTING DETAILS**
SHEET NUMBER: **L5-01**

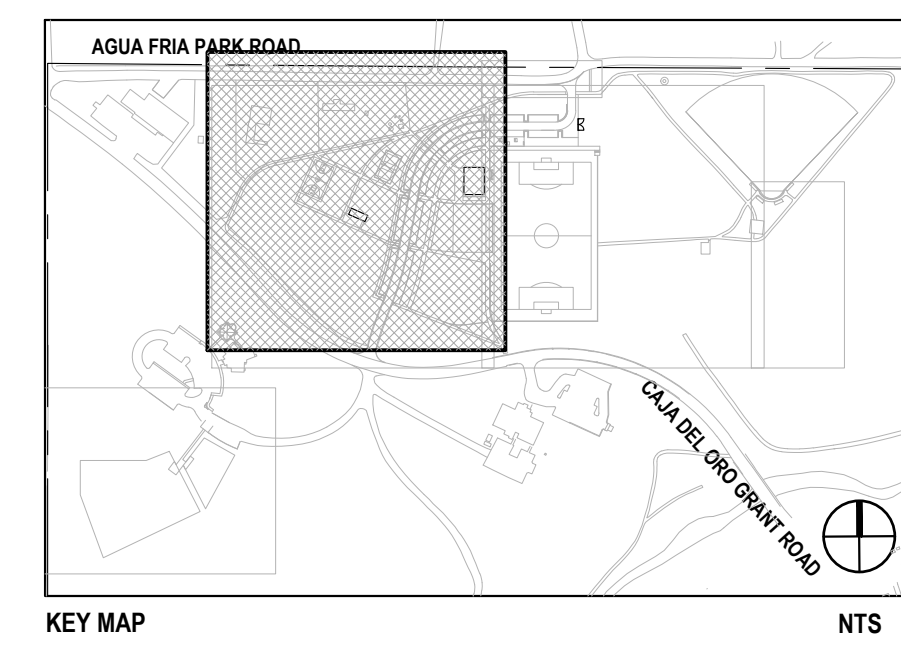
DIRECTORY
 IRRIGATION SCHEDULE
 IRRIGATION NOTES
 IRRIGATION PLANS
 IRRIGATION DETAILS

IR1-01
 IR1-02
 IR1-01 - IR1-03
 IR2-01 - IR2-02

Irrigation Schedule				
SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION	DETAIL NO.
	RAIN BIRD	44LRC	QUICK COUPLING VALVE	1
	MATCO	201X	MANUAL DRAIN VALVE	3
	RAIN BIRD	FEB SERIES	ELECTRIC CONTROL VALVE	9
	RAIN BIRD	XCZ-100-PRB-COM WITH BALL VALVE	DRIP VALVE ASSEMBLY	6
		LINE SIZE	GATE VALVE	2
	RAIN BIRD	RD-12 - S-P30 SERIES	HI-POP SPRAY HEADS	10
	HUNTER	I-20-06 SERIES	GEAR-STREAM ROTORS	11
	HUNTER	I-20-12 SERIES	HI-POP ROTORS	12
		SCHEDULE 40	PVC MAINLINE	4
		CLASS 160	PVC SLEEVING	5
		CL200 BE	PVC LATERAL	4
		#100 NSF - 1" MIN.	POLY HEADER	4 & 5
	NETAFIM	TLCV-04	INLINE EMITTER TUBING	8
	NETAFIM	TLCV-04	INLINE EMITTER TUBING - TREE RINGS	8
			DRIP LINE BLOW-OUT STUB	7
		CONFIRM IN-FIELD SYSTEM AND MATCH	VALVE DECODER	6, 9 & 13
		CONFIRM IN-FIELD SYSTEM AND MATCH	GROUNDING LOCATION	14
			EXISTING CONTROLLER	
			EXISTING DRIP VALVE	
			EXISTING LATERAL PIPE	
			EXISTING MAINLINE	
			EXISTING SLEEVES	
CONTROLLER & STATION NO. CONTROL VALVE SIZE				



KDI
HydroSystems
 Irrigation Consulting & Water Management
 860 Tabor Street, Suite 200 Lakewood, Colorado 80401
 o. 303.980.5327 www.hydrosystemsmdi.com



811
 Know what's below.
 Call before you dig.
 CALL 3 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG. GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSISTEMS KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.980.5327
 www.hydrosystemsmdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Lulus Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
 SANTA FE, NEW MEXICO 87507**

AMBER CLARK
 Certified Irrigation Designer
 CID
 Irrigation Association
 78211
 4/16/21

DRAWN BY: AC DATE: April 16, 2021

SHEET TITLE: IRRIGATION PLAN

SHEET NUMBER: IR1-01

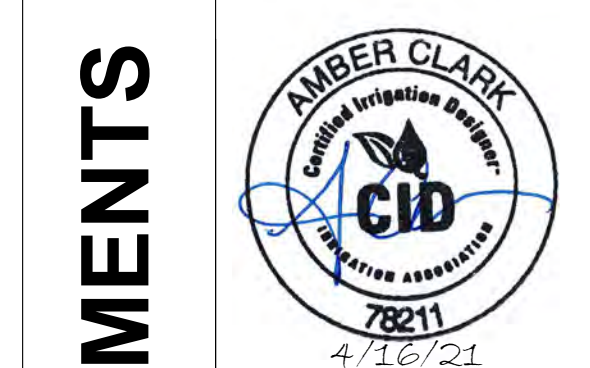
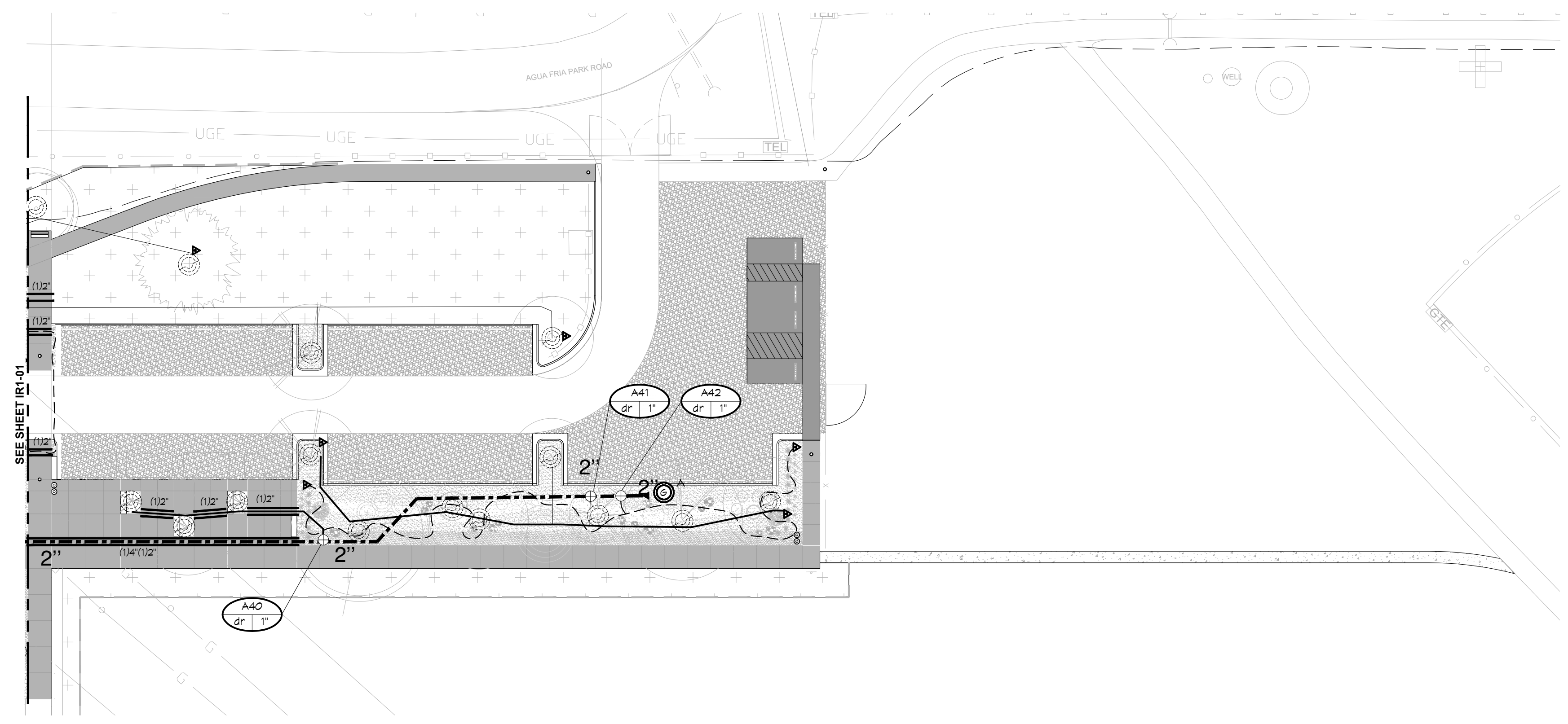
REVISIONS		
ISSUED	DATE	DESCRIPTION

IRRIGATION CONSTRUCTION NOTES

- DRAWINGS AND BASE INFORMATION - ALL BASE AND PLANTING INFORMATION HAVE BEEN PROVIDED BY DESIGN OFFICE. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY HYDROSYSTEMS*KDI OF ANY DISCREPANCIES BETWEEN THE UTILITY OR PLANTING PLANS AND THE IRRIGATION PLAN. IF CONTRACTOR FAILS TO NOTIFY HYDROSYSTEMS*KDI AND MAKES CHANGES TO THE IRRIGATION SYSTEM DESIGN, HE ASSUMES ALL COSTS AND LIABILITIES ASSOCIATED WITH THOSE FIELD CHANGES. REFER TO SPECIFICATIONS FOR ADDITIONAL PROJECT REQUIREMENTS.
- SYSTEM PRESSURE - HYDROSYSTEMS*KDI HAS CONTACTED THE CISTERN DESIGNER FOR THIS SITE AND HAVE BEEN TOLD THAT THE WATER PRESSURE EXPECTED FROM THE CISTERN PUMPS SHOULD BE 85 PSI MIN. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY PRESSURE PRIOR TO COMMENCING ANY CONSTRUCTION AND NOTIFY HYDROSYSTEMS*KDI OF ANY VARIANCE FROM THE STATED PRESSURE. IF CONTRACTOR FAILS TO FIELD VERIFY PRESSURE AND/OR NOTIFY HYDROSYSTEMS*KDI OF ANY VARIATIONS FROM THIS PRESSURE, THEN HE ASSUMES ALL CONSTRUCTION AND ENGINEERING COSTS ASSOCIATED WITH SYSTEM MODIFICATIONS REQUIRED TO ACCOMMODATE ACTUAL OUTPUT PRESSURE. THIS SYSTEM HAS BEEN DESIGNED FOR A REQUIRED STATIC PRESSURE OF 85 PSI MINIMUM AT THE POINT OF CONNECTION.
- IRRIGATION SYSTEM OPERATION INTENT - THIS IRRIGATION SYSTEM HAS BEEN DESIGNED TO IRRIGATE THE ESTABLISHED LANDSCAPE WITHIN A SIX NIGHT PER WEEK, SIX HOUR PER NIGHT WATERING WINDOW. ESTABLISHMENT WATERING WILL REQUIRE UP TO TWICE AS MUCH IRRIGATION FOR A FOUR TO SIX WEEK PERIOD. THE DESIGN IS BASED ON THE FOLLOWING PROJECTED WEEKLY APPLICATION RATES AFTER ESTABLISHMENT. THESE FIGURES ARE BASED ON A 30-YEAR AVERAGE WEATHER DATA AND WILL NEED TO BE ADJUSTED DUE TO SEASONAL CHANGES AND WEATHER CONDITIONS ABOVE AND BELOW THE AVERAGE VALUES UTILIZED.

TURFGRASS	1.63" PER WEEK PEAK SEASON
NATIVE SEED/MEADOWS	0.70" PER WEEK PEAK SEASON
ORNAMENTAL PLANTINGS	1.00" PER WEEK PEAK SEASON
- EQUIPMENT INSTALLATION - IT IS THE INTENT OF THIS DESIGN THAT ALL IRRIGATION EQUIPMENT BE INSTALLED WITHIN PROPERTY LIMITS AND WITHIN LANDSCAPED AREAS. ANY EQUIPMENT OTHER THAN VALVE BOXES OR SLEEVING THAT CONTAINS PIPE OR WIRES SHOWN OUTSIDE OF THESE LIMITS IS SHOWN IN THAT LOCATION FOR GRAPHICAL CLARITY ONLY. ALL VALVE BOXES SHALL BE INSTALLED A MINIMUM OF 2'-0" FROM EDGE OF ANY PAVED SURFACES UNLESS SPECIFICALLY INDICATED ON PLANS. BOXES INSTALLED IN OPEN TURF AREAS SHALL BE KEPT TO EDGES AND STAKED FOR REVIEW IF ALONG HIGH TRAFFIC AREAS. ALL VALVE BOXES SHALL BE PLACED A MINIMUM OF 3'-0" FROM THE CENTERLINE OF ANY DRAINAGE SWALE. ALL VALVE BOXES WITHIN PAVEMENT SHALL BE TIER 15 RATED BOXES FOR HEAVY DUTY NON-DELIBERATE TRAFFIC. BOX LID COLOR SHALL MATCH ADJACENT MATERIALS, I.E. GREEN IN TURF, TAN IN WOOD MULCH, GRAY IN STONE MULCH, PURPLE FOR RECLAIMED WATER SYSTEMS (IF REQUIRED). REFER TO LANDSCAPE PLANS FOR MATERIAL COLORS AND TYPES. ALL BOXES SHALL BE INSTALLED TO BE FLUSH WITH GRADE AND IN AN ORDERLY MANNER.
- SLEEVING - MOST SLEEVING UNDER PAVED SURFACES SHOWN ON PLANS ARE EXISTING UNLESS LABELED 'BORE'. THESE SLEEVES ARE TO BE INSTALLED BY CONTRACTOR. SLEEVING SHALL BE INSTALLED IN THE SIZES AND QUANTITIES SHOWN ON PLANS OR BASED ON THE SCHEDULE BELOW. WHERE SLEEVES ARE SHOWN, BUT NOT LABELED, FOLLOW THE SCHEDULE BELOW. ALL MAINLINE, CONTROL WIRES AND DRIP LINES UNDER PAVED SURFACES ARE TO BE INSTALLED IN SLEEVING. CONTRACTOR TO VERIFY LOCATIONS AND SIZES OF EXISTING SLEEVES SHOWN ON PLANS AND NOTIFY HYDROSYSTEMS*KDI OF ANY VARIANCE.

SLEEVED PIPE SIZE/WIRE QUANTITY	REQUIRED SLEEVE SIZE & (QUANTITY)
3/4" - 1-1/4" PIPING	2" PVC (1)
1-1/2" - 2-1/2" PIPING	4" PVC (1)
TWO WIRE CABLE	2" PVC (1)
- DRIP IRRIGATION - REFER TO IRRIGATION DETAIL SHEET FOR DRIP EMITTER QUANTITIES AND PLACEMENT.
- 2-WIRE SYSTEM NOTES - CONTRACTOR SHALL GROUND ALL DECODERS AND DECODER WIRE PER MANUFACTURERS RECOMMENDATIONS AND STANDARDS. (MINIMUM OF EVERY 500' OF WIRE OR EVERY 10TH DECODER AND AT ALL ENDS OF WIRE RUN).
 - CONTRACTOR SHALL USE ONLY MANUFACTURED 2-WIRE WIRE (AS MADE BY MANUFACTURER OF TWO WIRE CONTROLLER).
 - USE DIFFERENT COLOR 2-WIRE CABLE FOR EACH CONTROLLER (BLUE FOR A AND BLACK FOR B).
 - ONLY USE SINGLE STATION DECODERS (DUAL-1).
 - LOOP 5' OF 2-WIRE INTO ALL VALVE BOXES (WITH DECODERS AND SPLICES) FOR MAINTENANCE.
 - USE ONLY 3M DBR-6 WATERPROOF CONNECTORS ON ALL WIRE SPLICES AND ALL WIRE SPLICES ARE TO BE MADE WITHIN A VALVE BOX WITH CONTROL VALVES OR A SEPARATE 10" ROUND VALVE BOX FOR WIRE SPLICES.
 - INSTALL SURGE PROTECTOR RODS OR PLATES 5 LF. FROM VALVES, DECODERS, AND COMMUNICATION WIRE.
 - LOOP EXTRA 10' OF 2-WIRE INTO A VALVE BOX AT PHASING LINES FOR FUTURE CONNECTION (IF INDICATED ON PLANS).
- PRODUCT SELECTION - CONTRACTOR SHALL INSTALL ALL MATERIALS AND EQUIPMENT AS SHOWN ON THE PLANS AND DETAILS. NO SUBSTITUTIONS OF EQUIPMENT WILL BE ACCEPTABLE WITHOUT PRIOR WRITTEN APPROVAL BY THE CONSULTANT AND/OR OWNER. THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO REMOVE AND REPLACE ALL UNAPPROVED SUBSTITUTED EQUIPMENT AT HIS OWN COST IF SO DIRECTED BY THE CONSULTANT.



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**

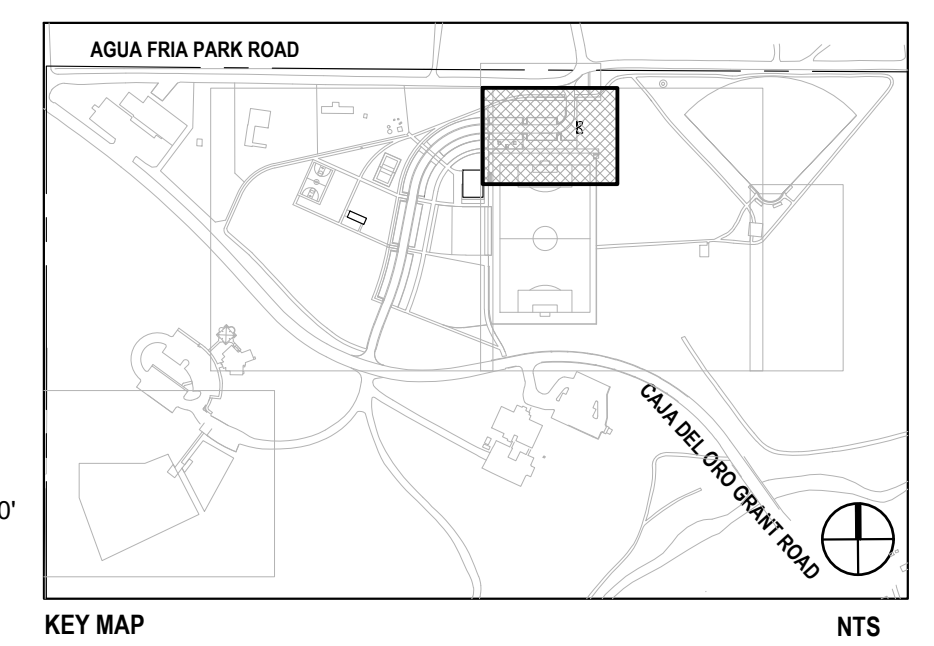
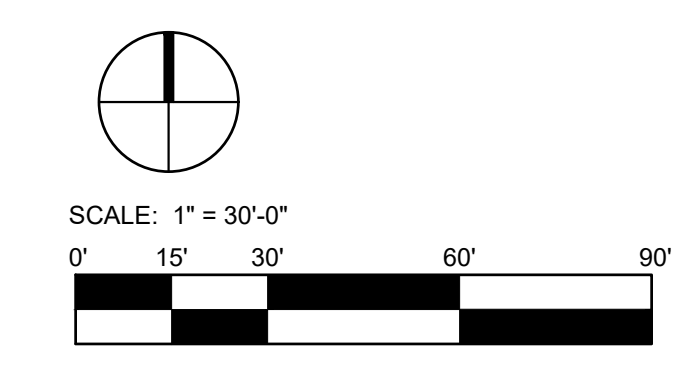
DRAWN BY: AC DATE: April 16, 2021

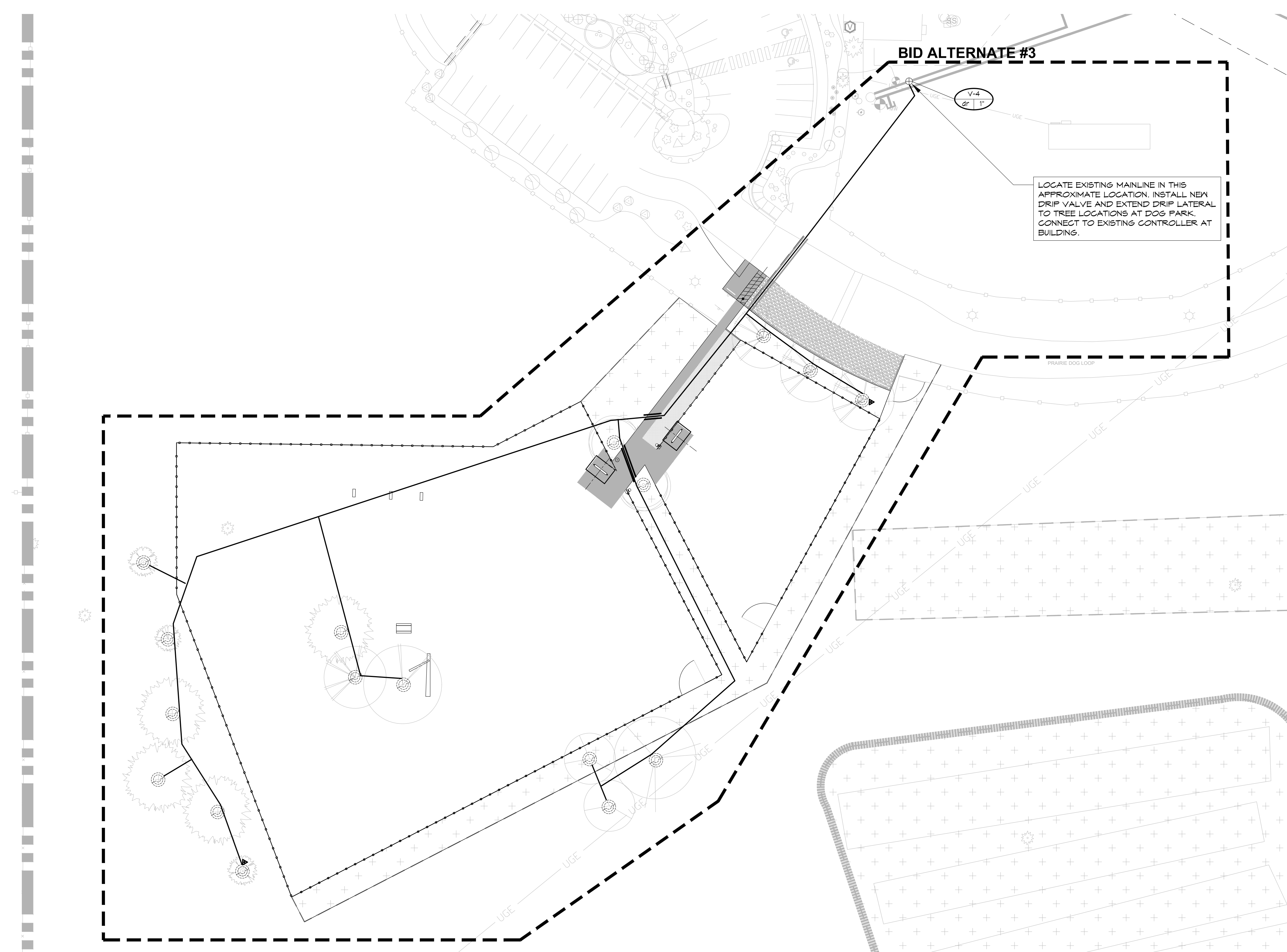
SHEET TITLE: **IRRIGATION PLAN**

SHEET NUMBER: **IR1-02**

DIRECTORY
IRRIGATION SCHEDULE
IRRIGATION NOTES
IRRIGATION PLANS
IRRIGATION DETAILS

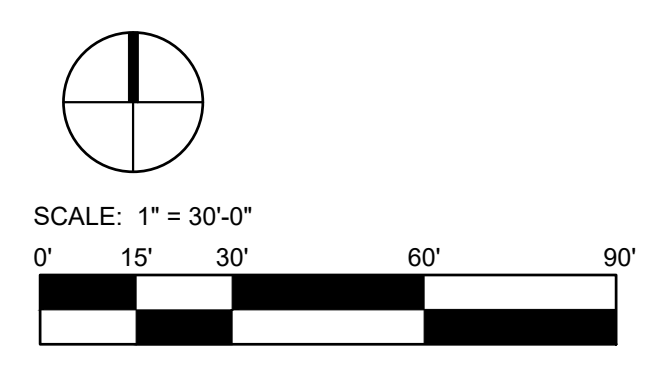
IR1-01
IR1-02
IR1-01 - IR1-03
IR2-01 - IR2-02





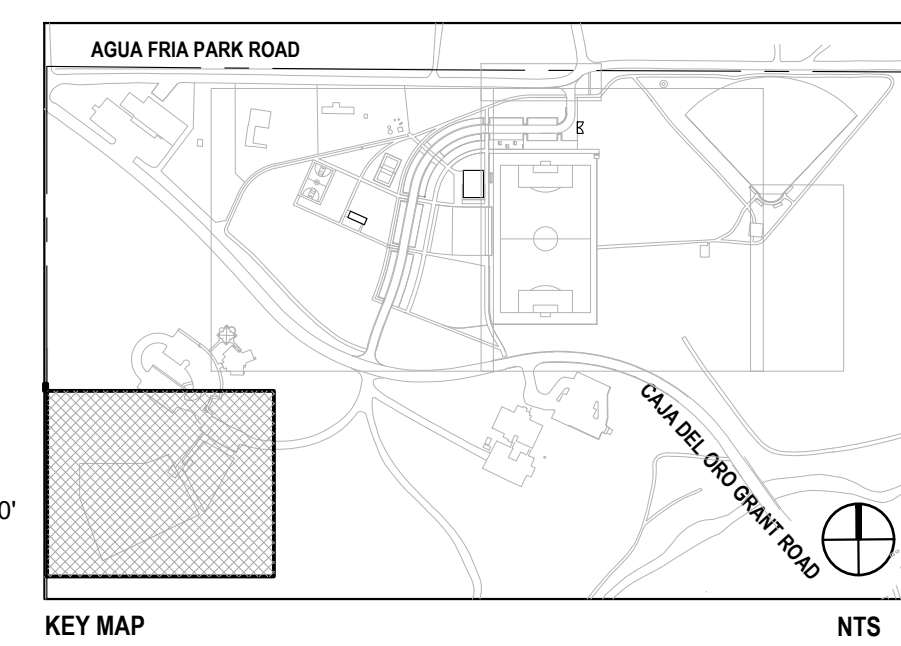
1 NEW DOG PARK AREA
 IR1-03 SCALE: 1" = 30'-0"

DIRECTORY	
IRRIGATION SCHEDULE	IR1-01
IRRIGATION NOTES	IR1-02
IRRIGATION PLANS	IR1-01 - IR1-03
IRRIGATION DETAILS	IR2-01 - IR2-02

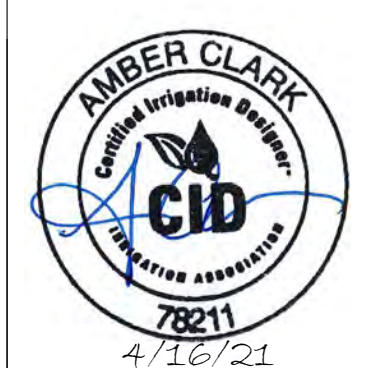


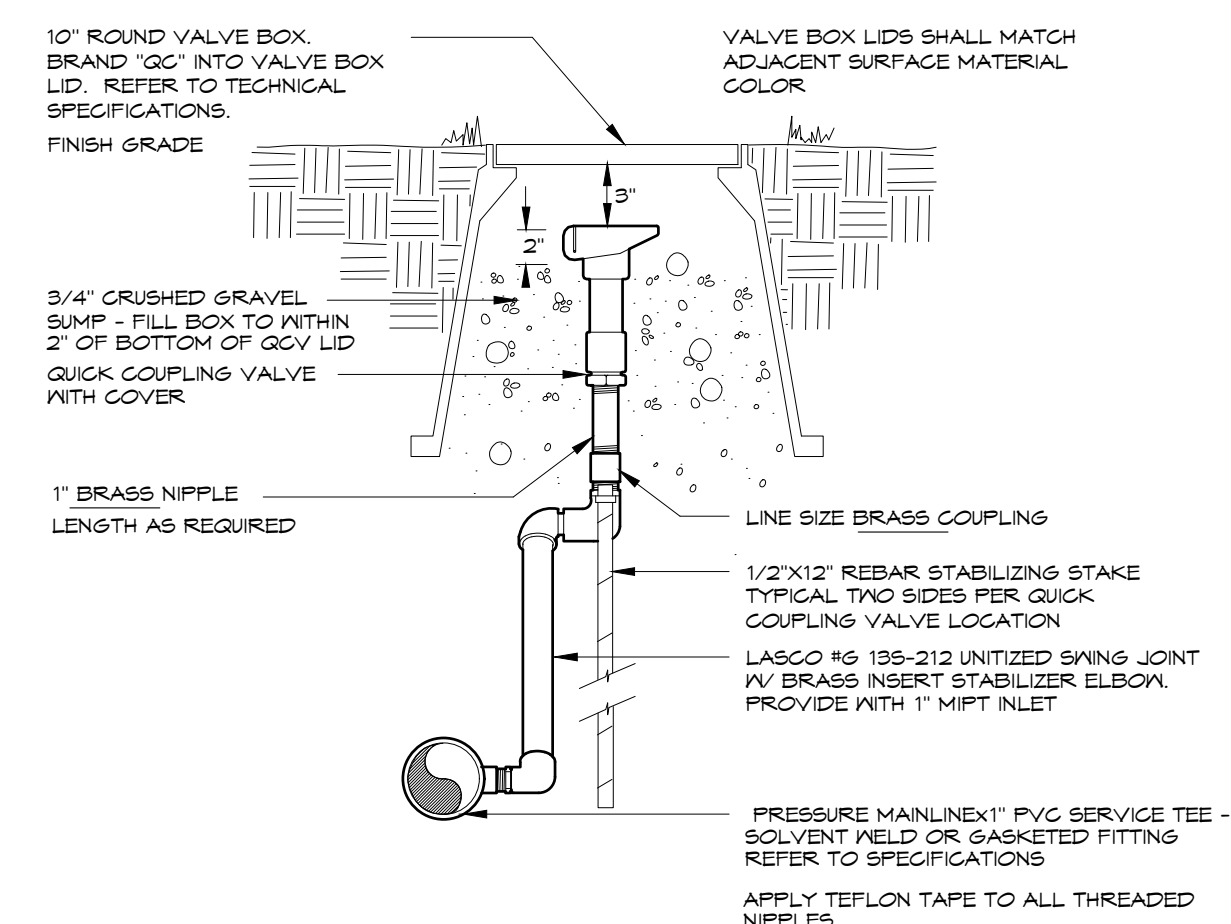
811
 Know what's below.
 Call before you dig.
CALL 3 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG. GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

KDI
HydroSystems
 Irrigation Consulting & Water Management
 860 Tabor Street, Suite 200 Lakewood, Colorado 80401
 o: 303.980.5327 www.hydro-systems.com



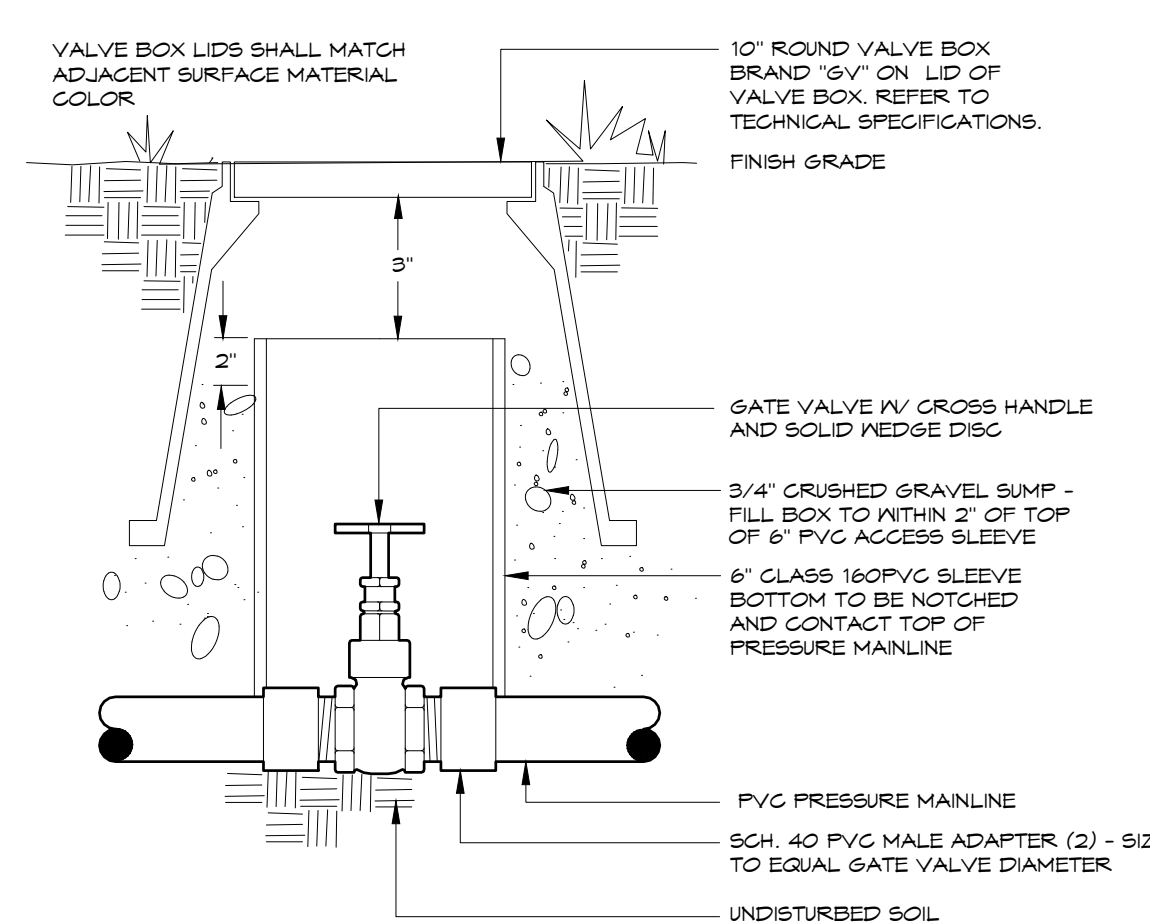
REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEER PO Box 2758 Santa Fe, NM 87504 t 505.989.3557		
DESIGN OFFICE 1300 Luisa Street, Suite 24 Santa Fe, NM 87505 t 505.983.1415 www.do-designoffice.com		
design office landscape, planning urbanism		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY AC	DATE April 16, 2021	
IRRIGATION PLAN		
SHEET NUMBER		
IR1-03		





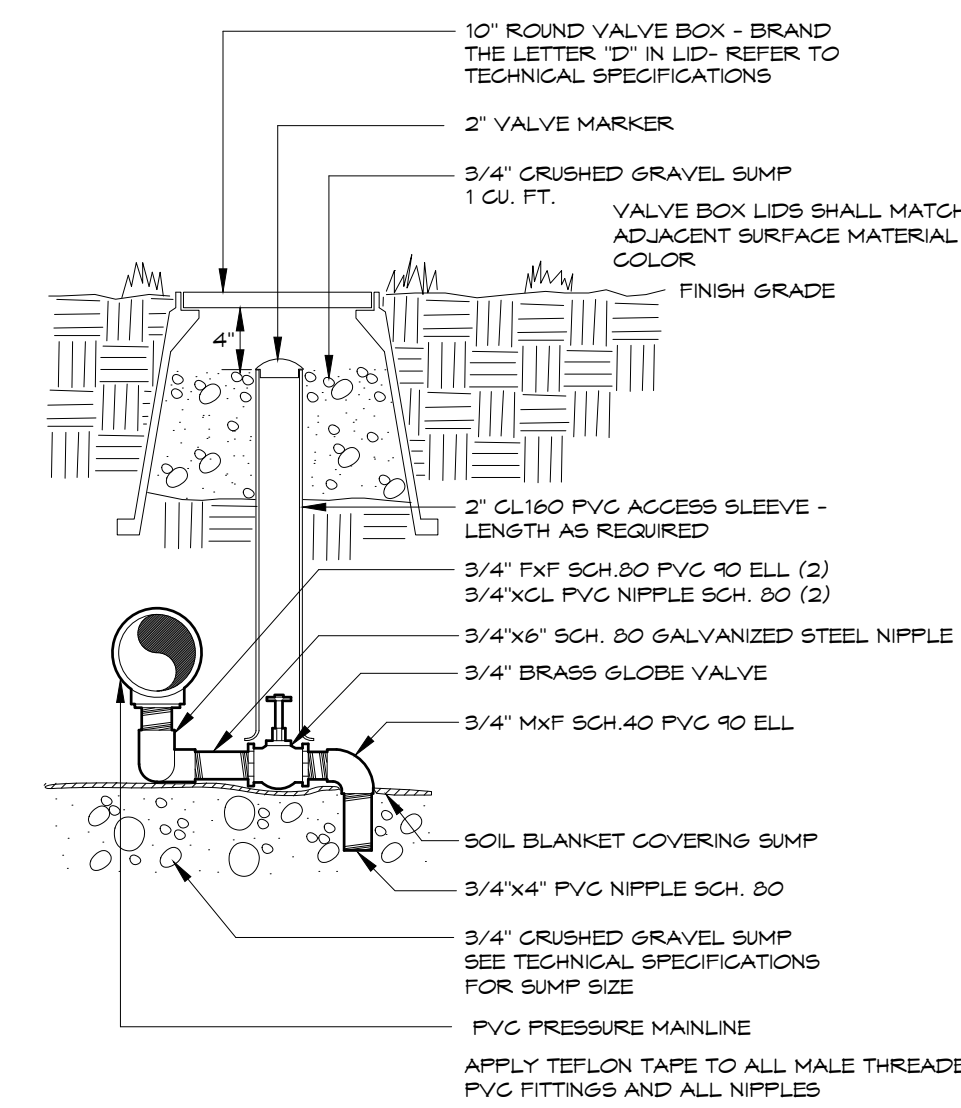
QUICK COUPLING VALVE

1



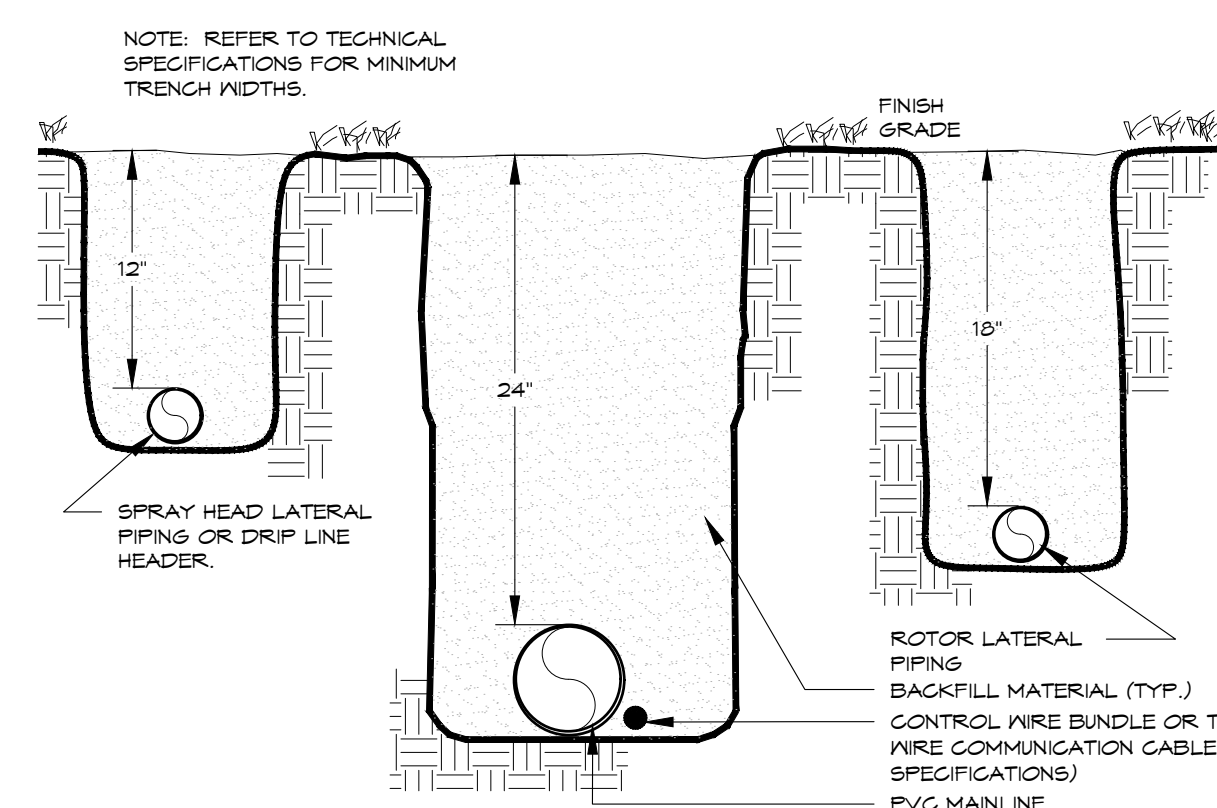
GATE VALVE

2



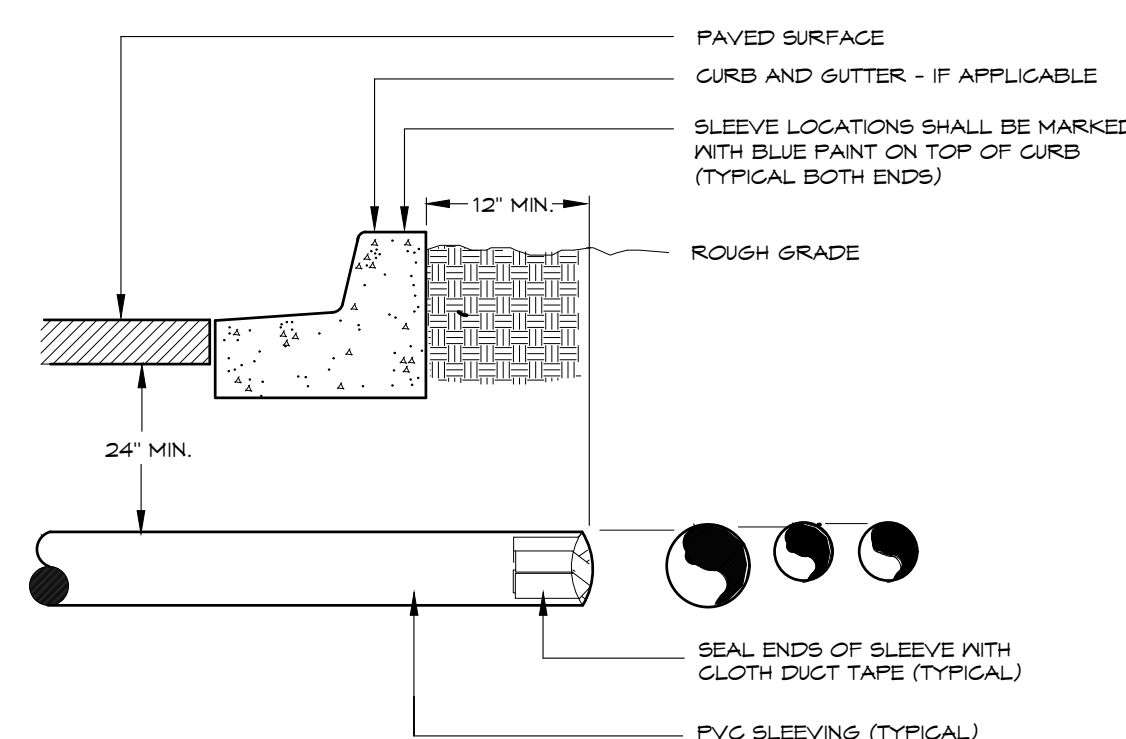
MANUAL DRAIN VALVE

3



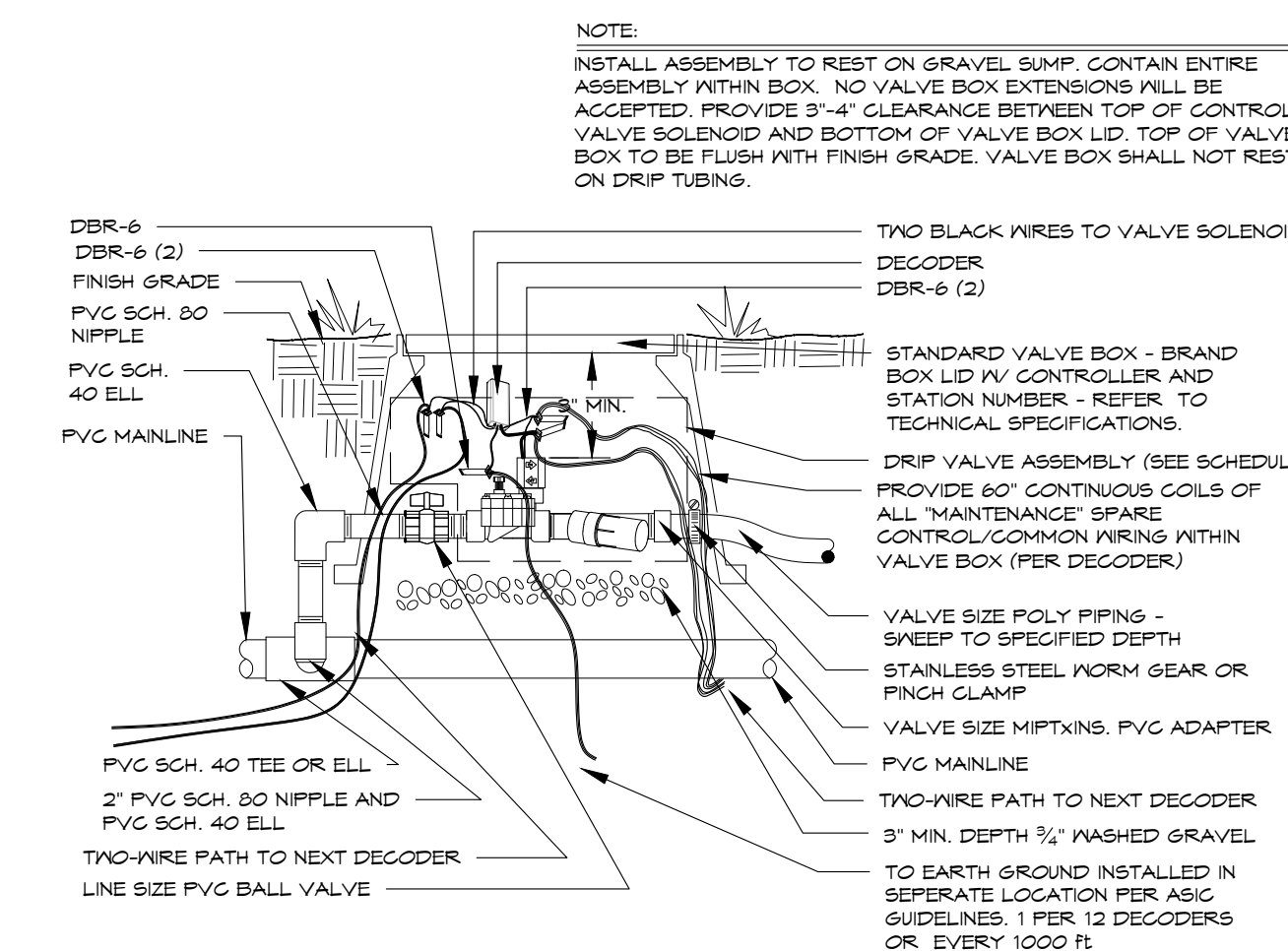
TRENCH

4



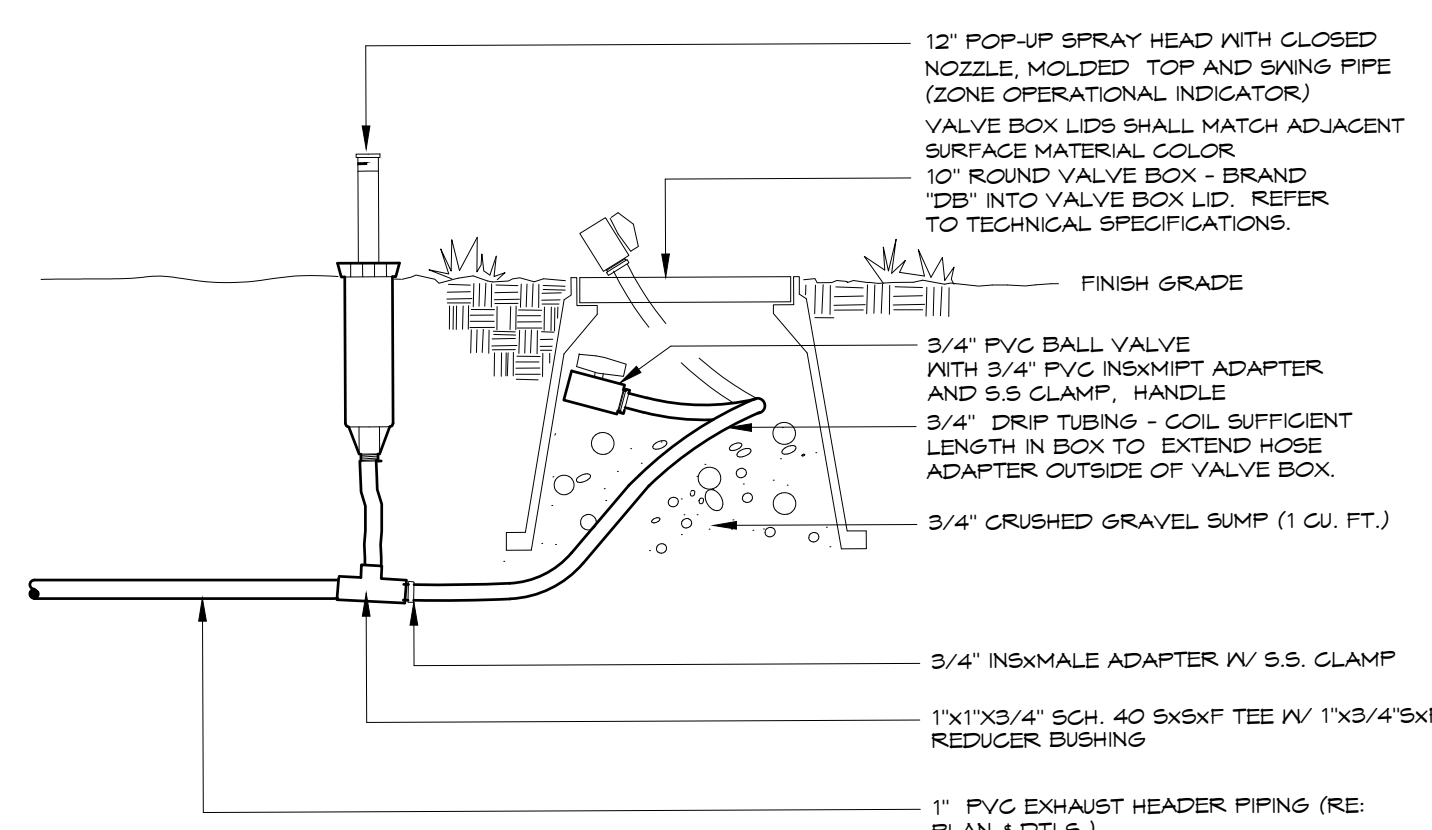
IRRIGATION SLEEVING

5



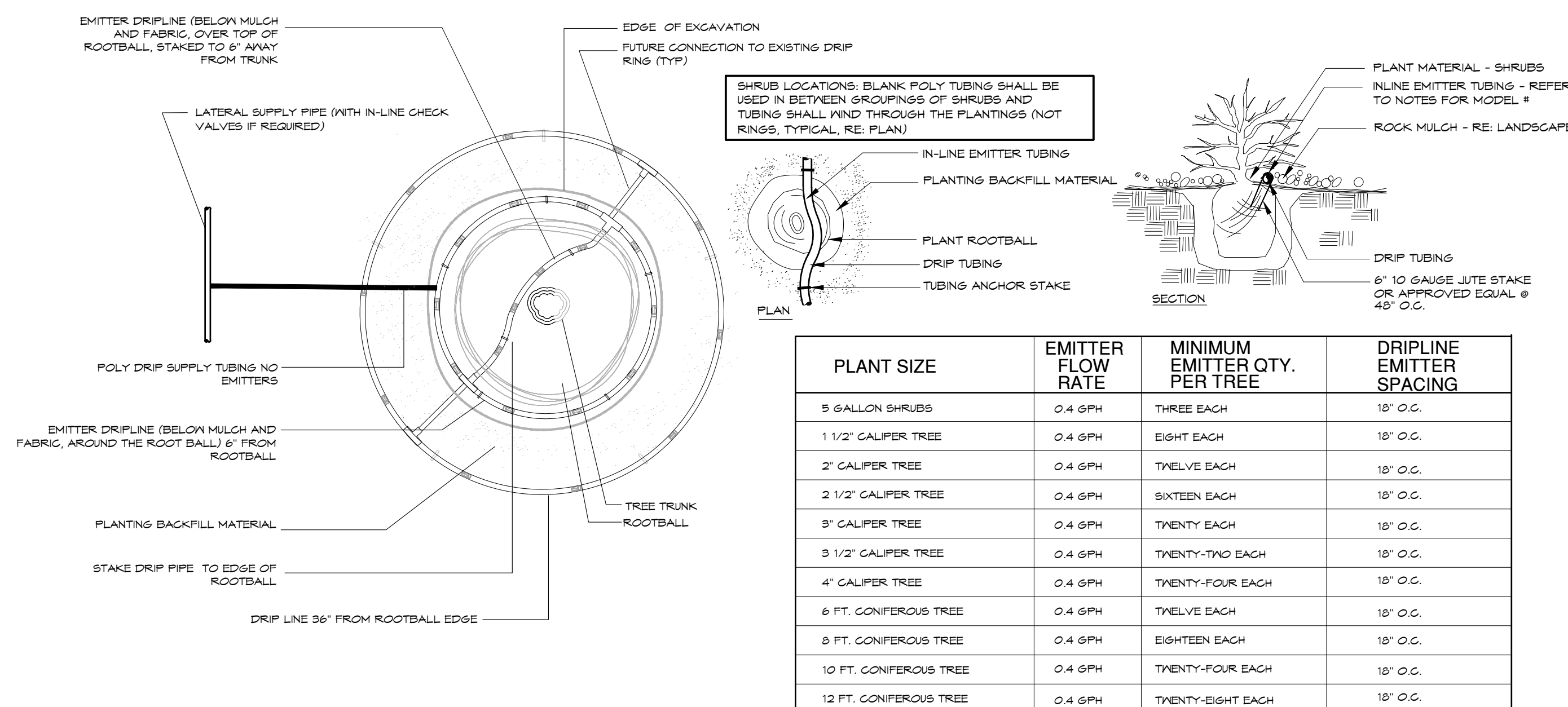
DRIP VALVE TWO-WIRE SYSTEM

6



DRIPPERLINE FLUSH-OUT AND OPERATIONAL INDICATOR

7



SUBSURFACE TUBING

8

PLANT SIZE	EMITTER FLOW RATE	MINIMUM EMITTER QTY. PER TREE	DRIFLINE EMITTER SPACING
5 GALLON SHRUBS	0.4 GPH	THREE EACH	18" O.C.
1 1/2" CALIPER TREE	0.4 GPH	EIGHT EACH	18" O.C.
2" CALIPER TREE	0.4 GPH	TWELVE EACH	18" O.C.
2 1/2" CALIPER TREE	0.4 GPH	SIXTEEN EACH	18" O.C.
3" CALIPER TREE	0.4 GPH	TWENTY EACH	18" O.C.
3 1/2" CALIPER TREE	0.4 GPH	TWENTY-TWO EACH	18" O.C.
4" CALIPER TREE	0.4 GPH	TWENTY-FOUR EACH	18" O.C.
6 FT. CONIFEROUS TREE	0.4 GPH	TWELVE EACH	18" O.C.
8 FT. CONIFEROUS TREE	0.4 GPH	EIGHTEEN EACH	18" O.C.
10 FT. CONIFEROUS TREE	0.4 GPH	TWENTY-FOUR EACH	18" O.C.
12 FT. CONIFEROUS TREE	0.4 GPH	TWENTY-EIGHT EACH	18" O.C.

REVISIONS
 ISSUED DATE DESCRIPTION

DESIGN ENGINEER
 PO Box 2755
 Santa Fe, NM 87504
 1.505.989.3527

HYDROSYSTEMS, KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80407-5854
 1.303.980.5327
 www.hydrosystems.com

design office
 landscape planning urbanism

DESIGN OFFICE
 3000 University Blvd, Suite 24
 Santa Fe, NM 87505
 1.505.963.1415
 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

SANTA FE COUNTY
 2100 CAJA DEL ORO GRANT ROAD
 SANTA FE, NEW MEXICO 87507

AMSETH CLARK
 12-20-19

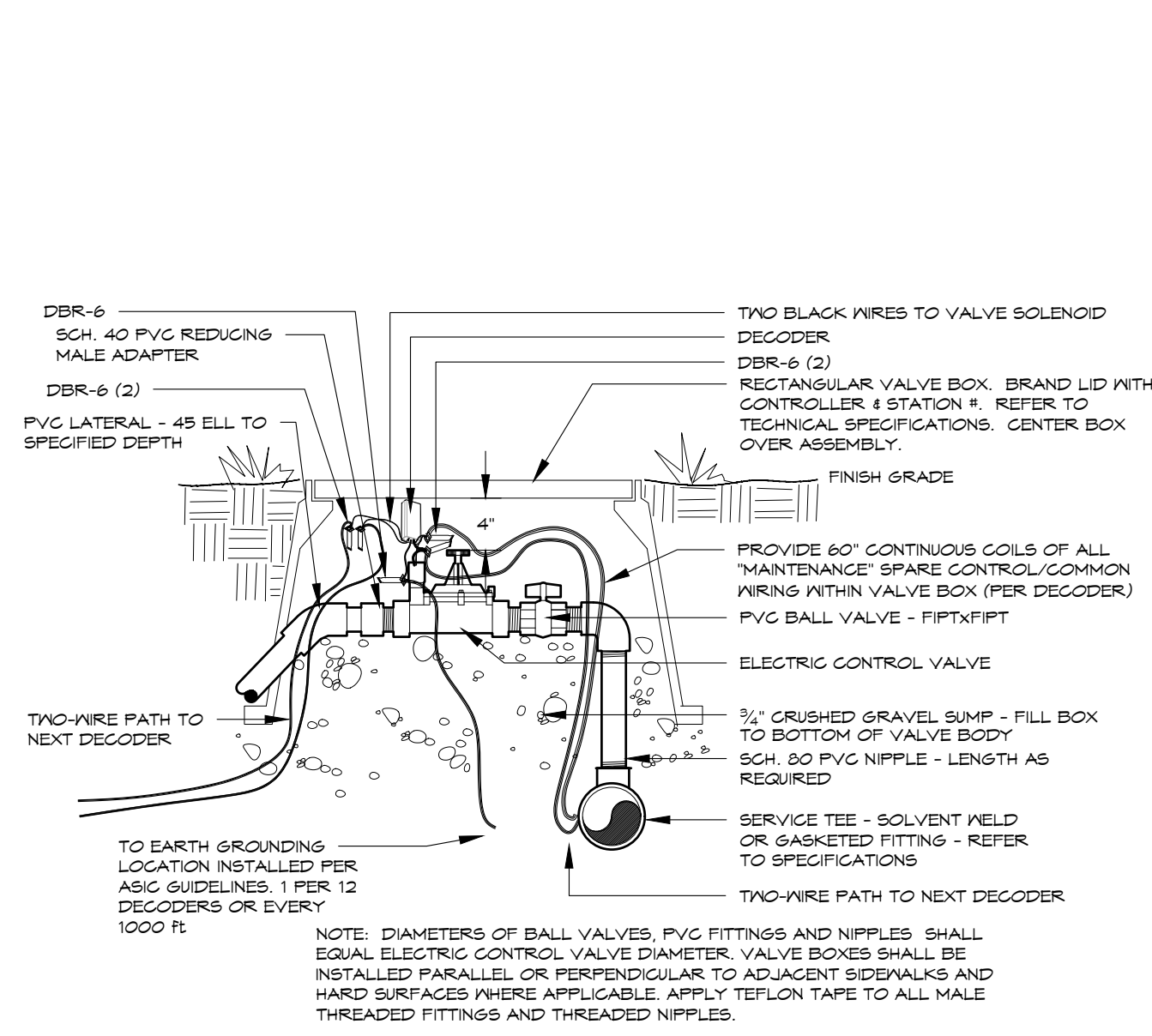
DRAWN BY AC DATE December 20, 2019

SHEET TITLE IRRIGATION DETAILS

SHEET NUMBER IR2-01

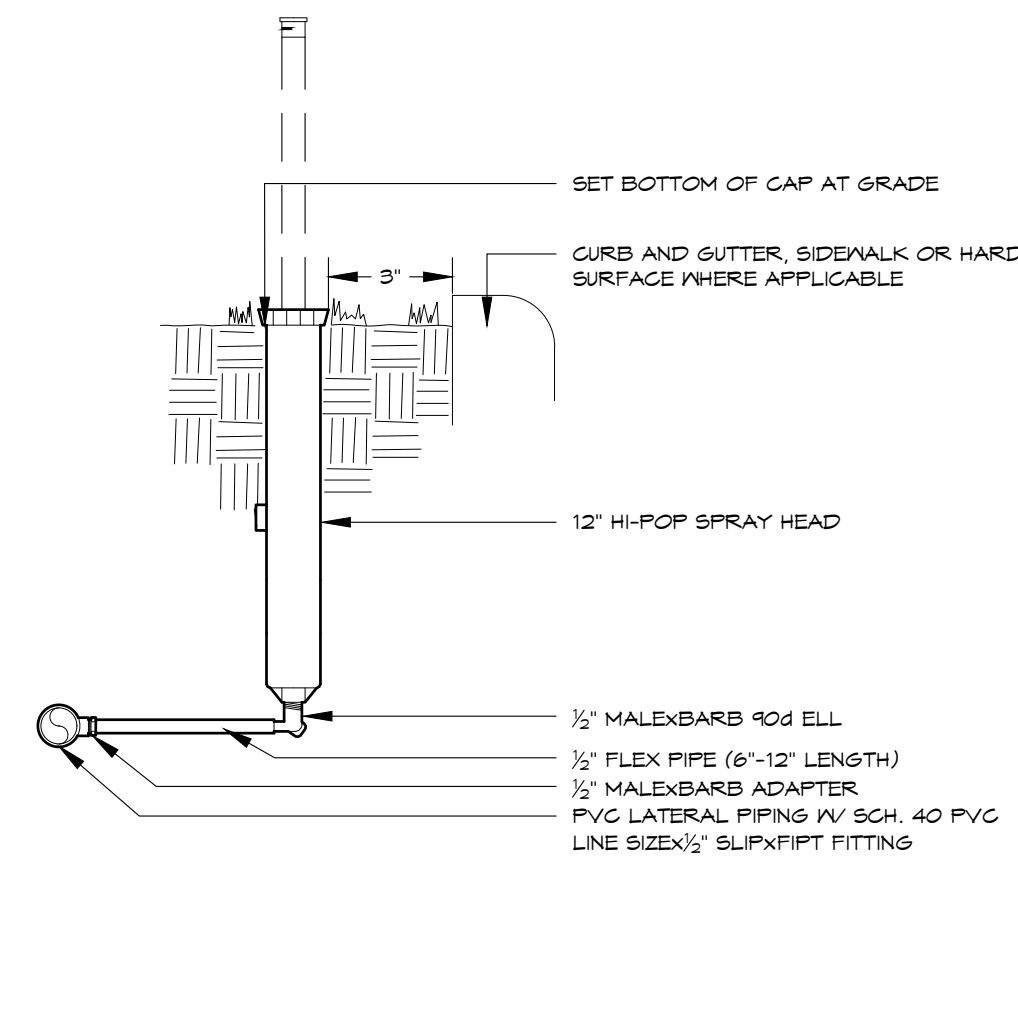
811
 Know what's below.
 Call before you dig.
 CALL 3 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG. GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

KDI
 HydroSystems
 Irrigation Consulting & Water Management
 860 Tabor Street, Suite 200 Lakewood, Colorado 80401
 o: 303.980.5327 www.hydrosystems.com



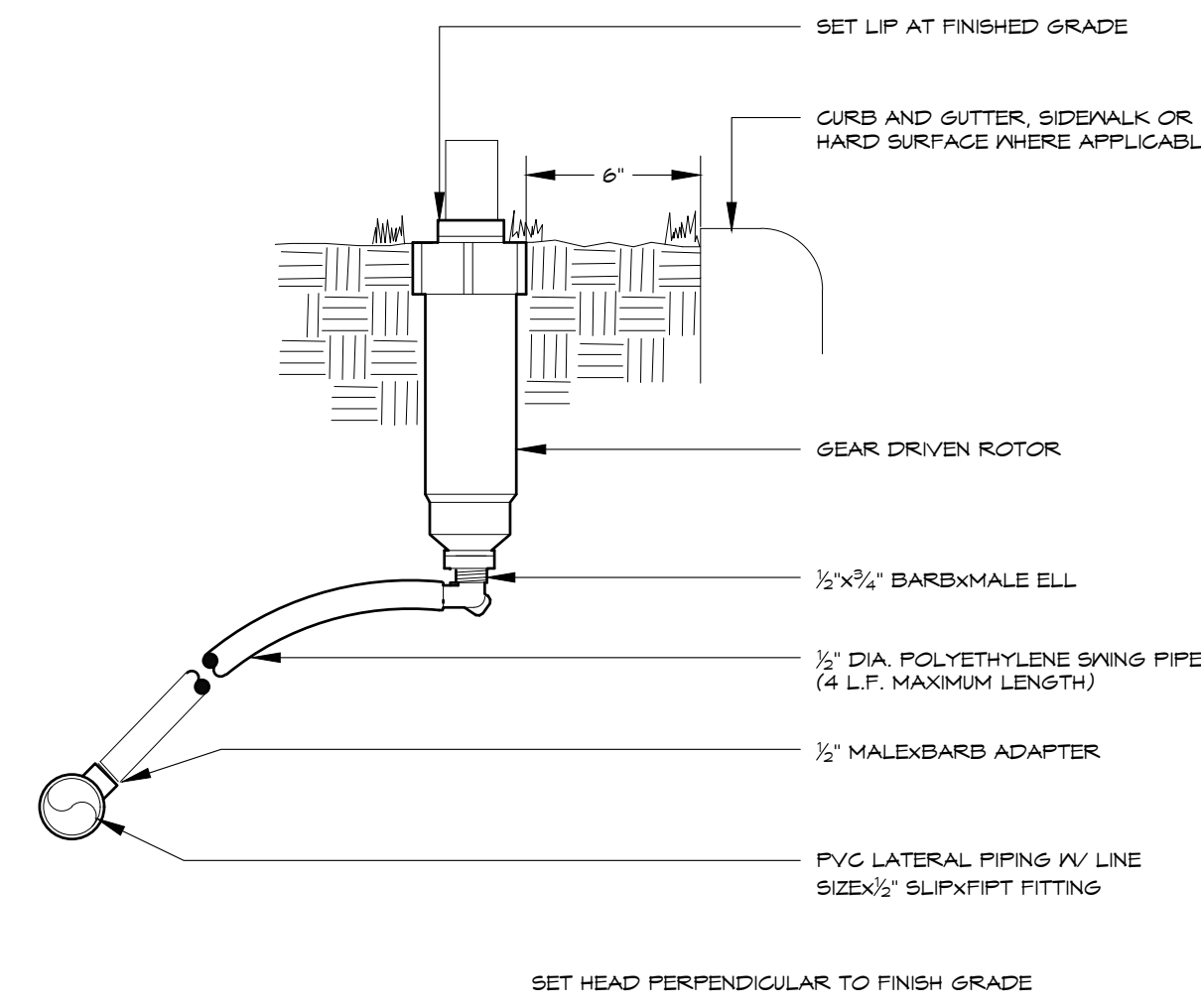
ELECTRIC CONTROL VALVE
TWO WIRE SYSTEM

9



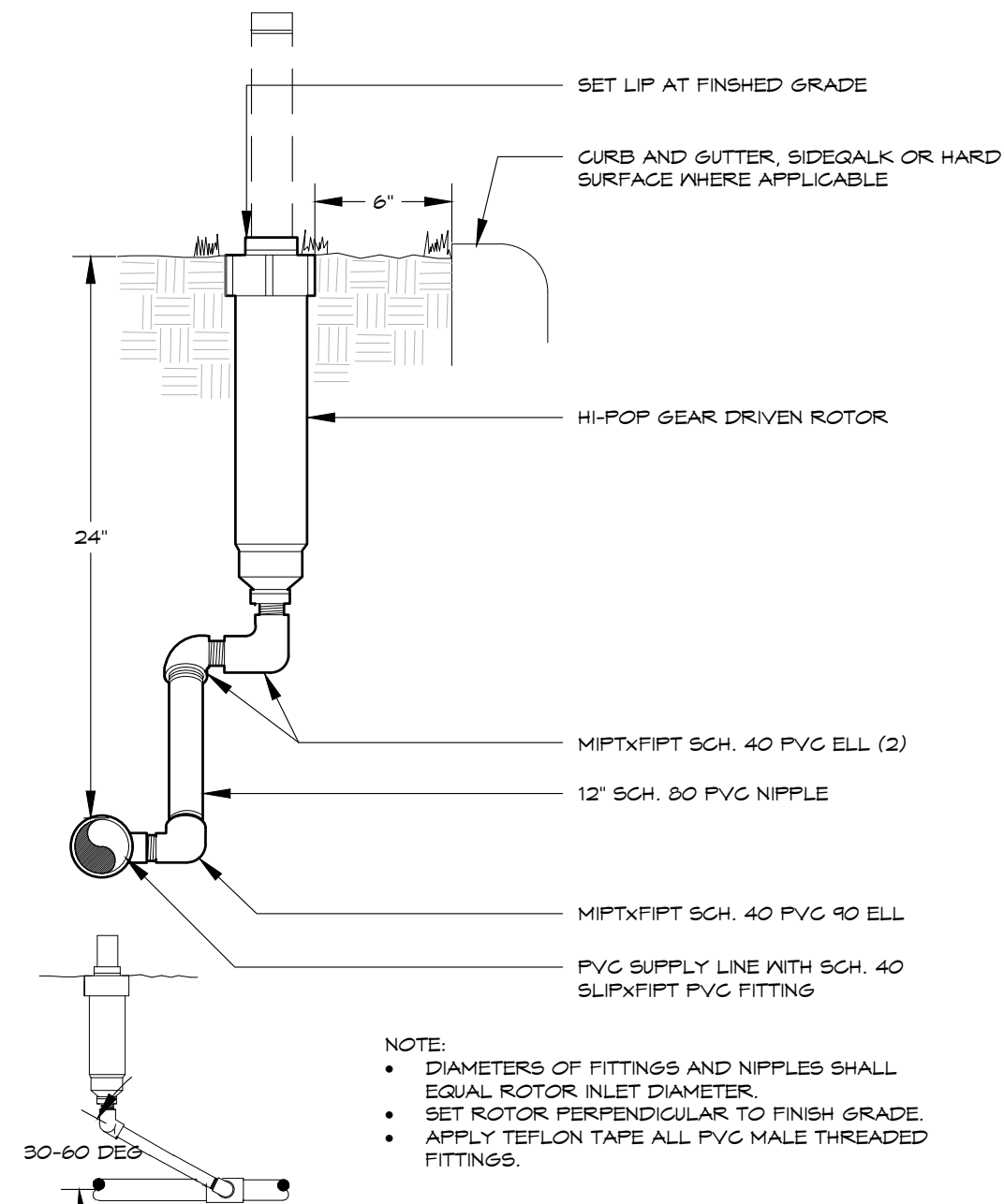
HI-POP SPRAY HEAD

10



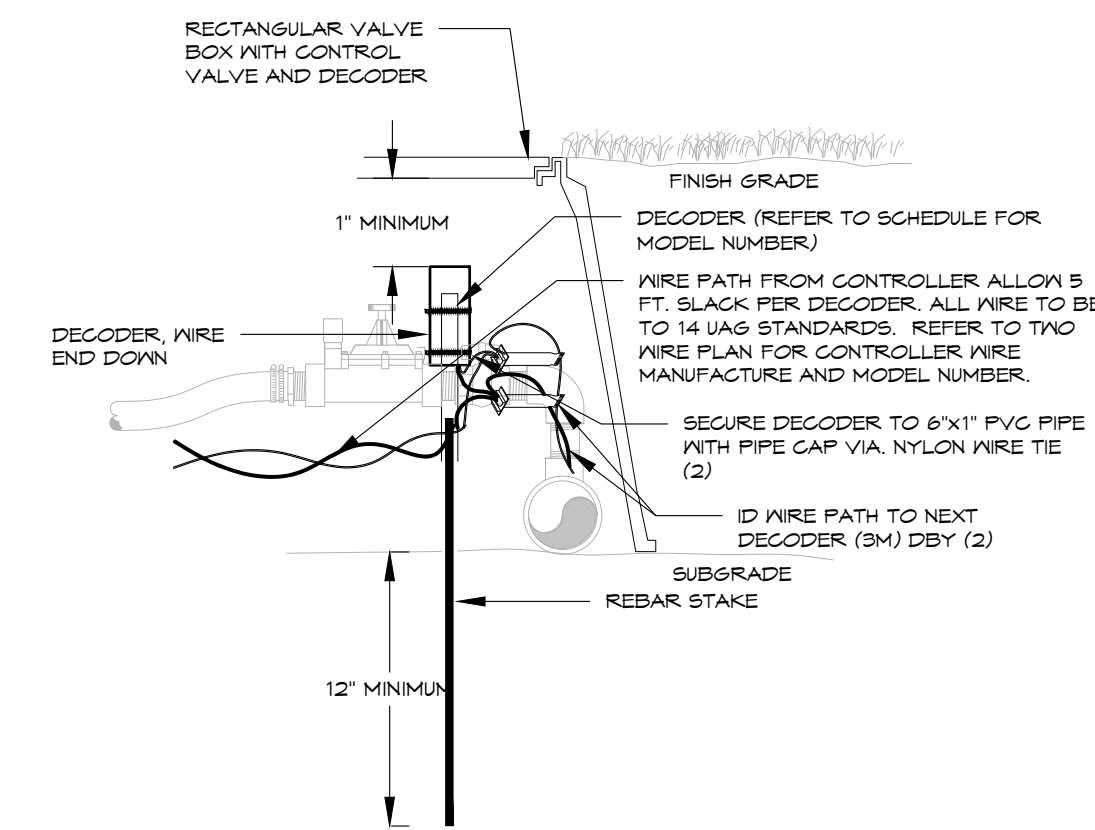
GEAR DRIVEN ROTOR

11



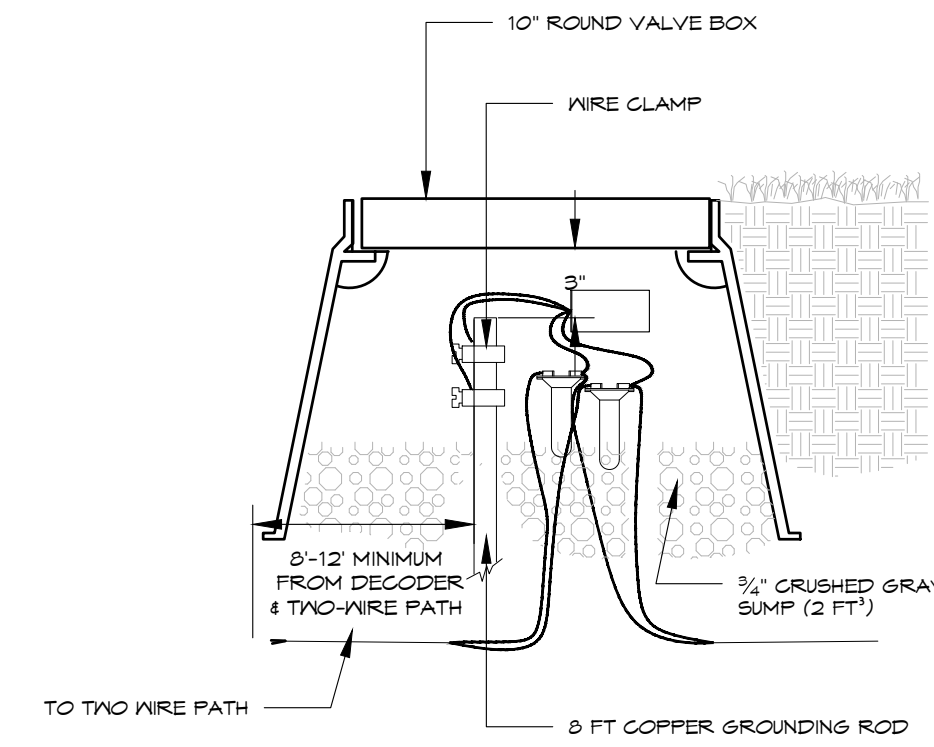
HI-POP GEAR DRIVEN ROTOR

12



DECODER INSTALLATION

13



TWO WIRE PATH GROUNDING

14

DIRECTORY

IRRIGATION SCHEDULE	IR1-01
IRRIGATION NOTES	IR1-02
IRRIGATION PLANS	IR1-01 - IR1-03
IRRIGATION DETAILS	IR2-01 - IR2-02



REVISIONS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO BOX 2755
Santa Fe, NM 87504
1.505.989.3557

HYDROSYSTEMS, KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydro-systems.com

design office
landscape planning urbanism

DESIGN OFFICE
3000 Laramie Street, Suite 24
Santa Fe, NM 87505
1.505.863.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**



DRAWN BY AC DATE December 20, 2019

SHEET TITLE

IRRIGATION DETAILS

SHEET NUMBER

IR2-02

DEMOLITION NOTES

- ALL DIMENSIONS AND LOCATIONS TO BE VERIFIED IN FIELD
- OWNER TO DETERMINE WHICH MATERIALS, EQUIP., DOORS, ETC. TO BE SALVAGED OTHERWISE MATERIALS, EQUIP., DOORS, ETC. CAN BE DISPOSED OF BY GENERAL CONTRACTOR. CONTRACTOR TO COORDINATE WITH OWNER TO IDENTIFY ALL REUSABLE/SALVAGEABLE MATERIALS AND EQUIPMENT AND PROVIDE SECURE STORAGE DURING DEMOLITION UNTIL READY FOR REINSTALLATION.
- PROVIDE ADEQUATE TEMPORARY SHORING AND STRUCTURAL SUPPORT WHILE PERFORMING ALL DEMOLITION. PRIMARY STRUCTURAL MEMBERS SHALL NOT BE REMOVED UNLESS PROVISIONS ARE MADE TO SUPPORT STRUCTURE.
- REMOVE UNUSED CIRCUITS. TERMINATE ALL WIRING AT JUNCTION BOXES. SALVAGE ALL REUSABLE ELECTRICAL OUTLETS, BOXES, SWITCHES, AND ACCESSORIES FOR NEW CONSTRUCTION.
- CUT-BACK AND CAP-OFF ALL PLUMBING AND MECHANICAL LINES. SALVAGE ALL REUSABLE PLUMBING AND MECHANICAL ACCESSORIES FOR NEW CONSTRUCTION.
- PROTECT SURFACES TO REMAIN. IF DAMAGED, REPAIR/REPLACE ANY DAMAGED MATERIALS THAT ARE TO REMAIN TO MATCH EXISTING FINISH, TEXTURE, AND CONSTRUCTION.
- WHERE EXISTING ITEMS ARE REMOVED, PATCH SURFACES AS REQUIRED WITH SPECIFIED FINISHES AND FILLS.
- REMOVE WASTE FROM DEMOLITION. DO NOT ALLOW DEBRIS TO ACCUMULATE ON SITE.
- NOTIFY OWNER BEFORE DEMOLITION ACTIVITIES THAT MAY AFFECT THE OPERATION OF THE ADJACENT OFFICES/FACILITIES.
- CONTRACTOR TO REMOVE AND DISPOSE OF ALL DEMOLISHED MATERIALS AND EQUIPMENT IN AN APPROVED REGULATORY MANNER.
- ALL DEMOLISHED MATERIALS TO BE SEPARATED INTO RECYCLED CONTENT TO GREATEST EXTENT POSSIBLE.
- IF HAZARDOUS OR CONTAMINATED MATERIALS ARE FOUND, NOTIFY OWNER IMMEDIATELY.

LEGEND

- DEMO WALL
- (E) 8" CMU WALL
- NEW 6" CMU WALL
- KEY PAD ENTRY W/ PROGRAMMABLE HOURS - (8) EA.
- KEY ACCESS (COUNTY STAFF ONLY) - (2) EA.

ACCESSORY SCHEDULE

ITEM	DESCRIPTION	QTY.	NOTES
(A)	HAND DRYER UNIT - WALL MOUNTED	3 EA.	NEW / SEE M.E.P.
(B)	SOAP DISPENSER - WALL MOUNTED	3 EA.	NEW / SEE SPECS
(C)	SANITARY NAPKIN DISPOSAL - PARTITION / WALL MOUNTED	5 EA.	NEW / SEE SPECS
(D)	TOILET PAPER DISPENSER - PARTITION / WALL MOUNTED	6 EA.	NEW / SEE SPECS
(E)	42" STAINLESS STEEL GRAB BAR W/ 18" STAINLESS STEEL VERTICAL BAR - TYPICAL	1 EA.	NEW / SEE SPECS
(E2)	18" STAINLESS STEEL GRAB BAR - TYPICAL	2 EA.	2 EA. EXIST 42" BARS IN PLACE / SEE SPECS 2 EA. EXIST 36" BARS IN PLACE / SEE SPECS
(F)	36" STAINLESS STEEL GRAB BAR - TYPICAL	1 EA.	2 EA. EXIST 36" BARS IN PLACE / SEE SPECS
(G)	DIAPER CHANGE STATION - HORIZ. APPROX. 35"L x 20"H x 4"W - WALL MOUNTED ± 29" A.F.F.	3 EA.	NEW / SEE SPECS
(H)	TOILET PARTITIONS + URINAL SCREENS - "AAMCO - SKY BLUE" - FLOOR SUPPORTED	7 EA.	5 EA. PARTITIONS 2 EA. URINAL SCREENS / SEE SPECS
(J)	EXISTING 24" x 16" STAINLESS STEEL MIRROR - WALL MOUNTED - RELOCATED @ FAMILY RR	3 EA.	EXISTING / RELOCATED
(K)	COAT HOOK - PARTITION / WALL MOUNTED	7 EA.	NEW / SEE SPECS
(L)	12 GAL. WASTE RECEPTACLE, 8" DEEP x 15" WIDE x 23" TALL - WALL MOUNTED	3 EA.	NEW / SEE SPECS
(M)	NEW GATE LATCH HARDWARE - "NATIONAL HARDWARE" - WALL MOUNTED	2 EA.	NEW / SEE SPECS

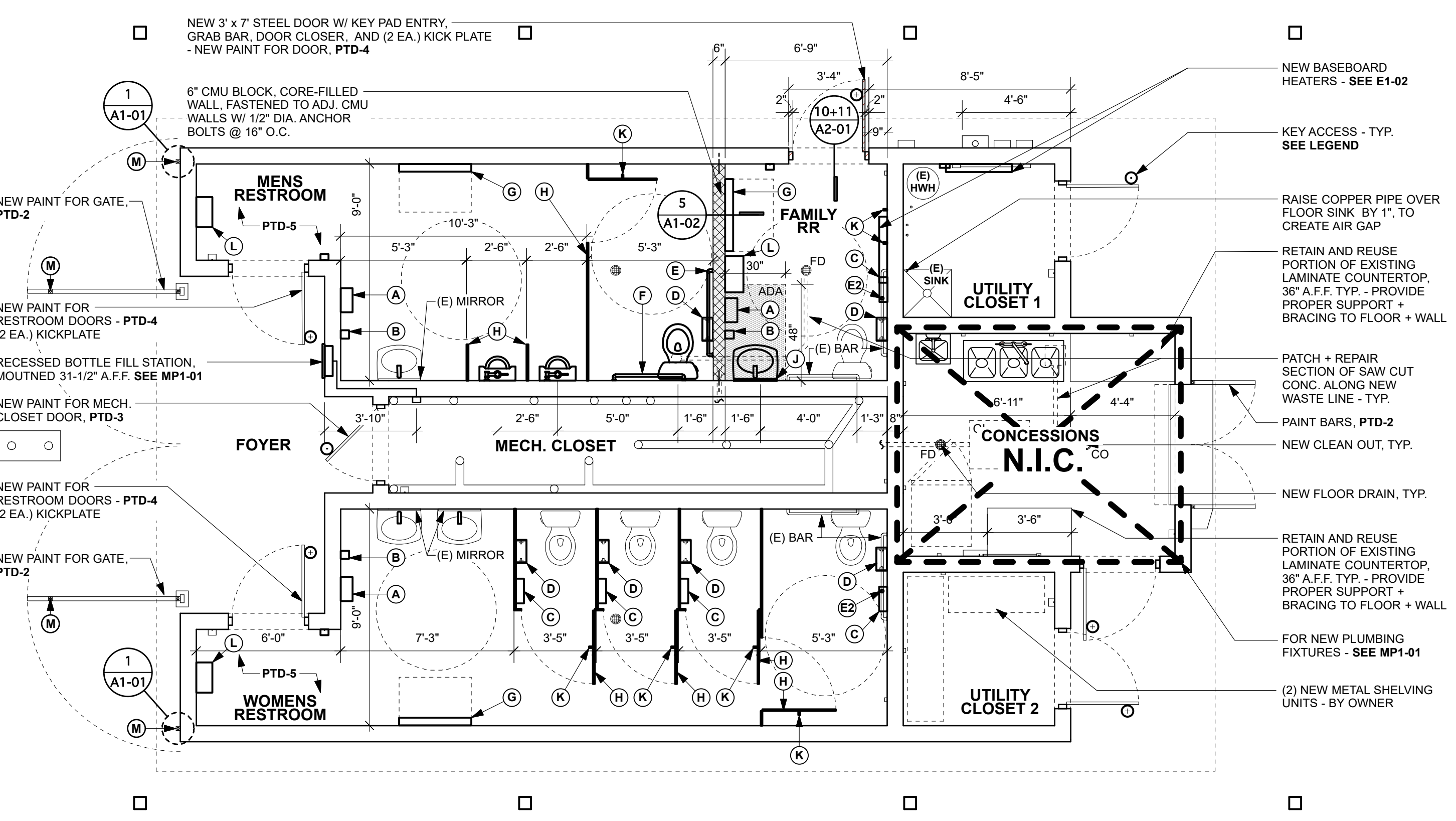
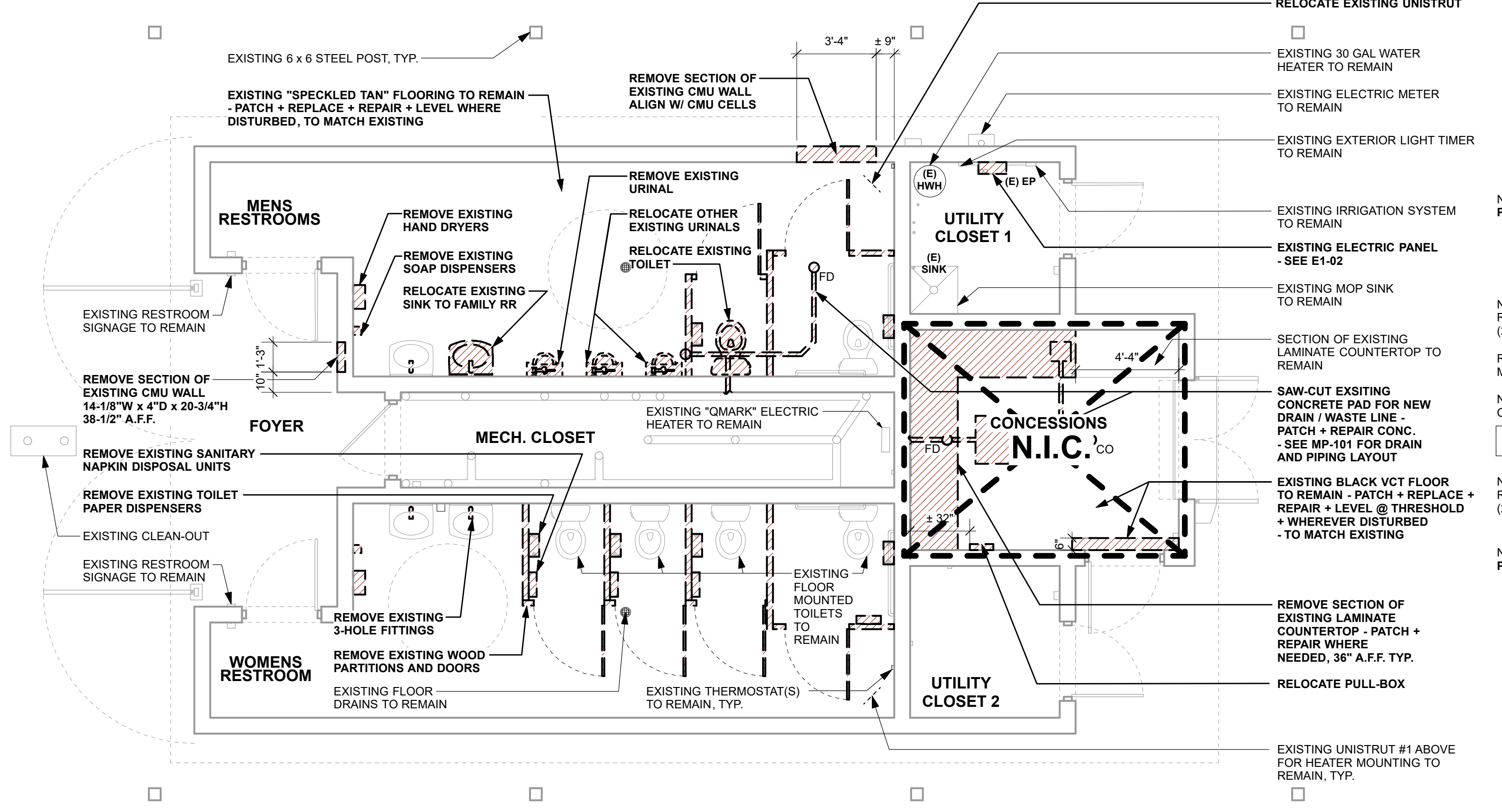
FINISH SCHEDULE

ITEM	DESCRIPTION	LOCATION	SHEEN
PTD-1	SHERWIN WILLIAMS #SW-7103 - "WHITETAIL"	- CONCESSIONS: WALLS + CEILINGS - ALL RESTROOMS: WALLS	LOW-LUSTRE
PTD-2: NIC	RAL COLOR #8014 - "SEPIA BROWN"	- CONCESSIONS + FOYER: GATES / BARS	POWDER COAT
PTD-3	SHERWIN WILLIAMS #SW-6087 - "TRUSTY TAN"	- ALL RESTROOMS: CEILINGS - EXTERIOR: SOFFIT - MECHANICAL CLOSET: DOOR	MARINE GRADE EXTERIOR PAINT MATTE
PTD-4	SHERWIN WILLIAMS #SW-6508 - "SECURE BLUE"	- ALL RESTROOMS: DOORS + FRAMES	LOW-LUSTRE
PTD-5	"SPECKLED PAINT" - TO MATCH EXISTING	- ALL RESTROOMS: FLOORS AT AREAS OF PATCHING + DEMO.	MATCH EXISTING

**CONCESSIONS:
EXCLUDE ALL WORK RELATED TO CONCESSIONS: NOT IN CONTRACT**

GENERAL NOTES

- REFER TO MECHANICAL ENGINEERING AND PLUMBING (M.E.P.) SHEETS E0-01 + MP0-02 FOR PLUMBING + APPLIANCE + LIGHTING SCHEDULES.

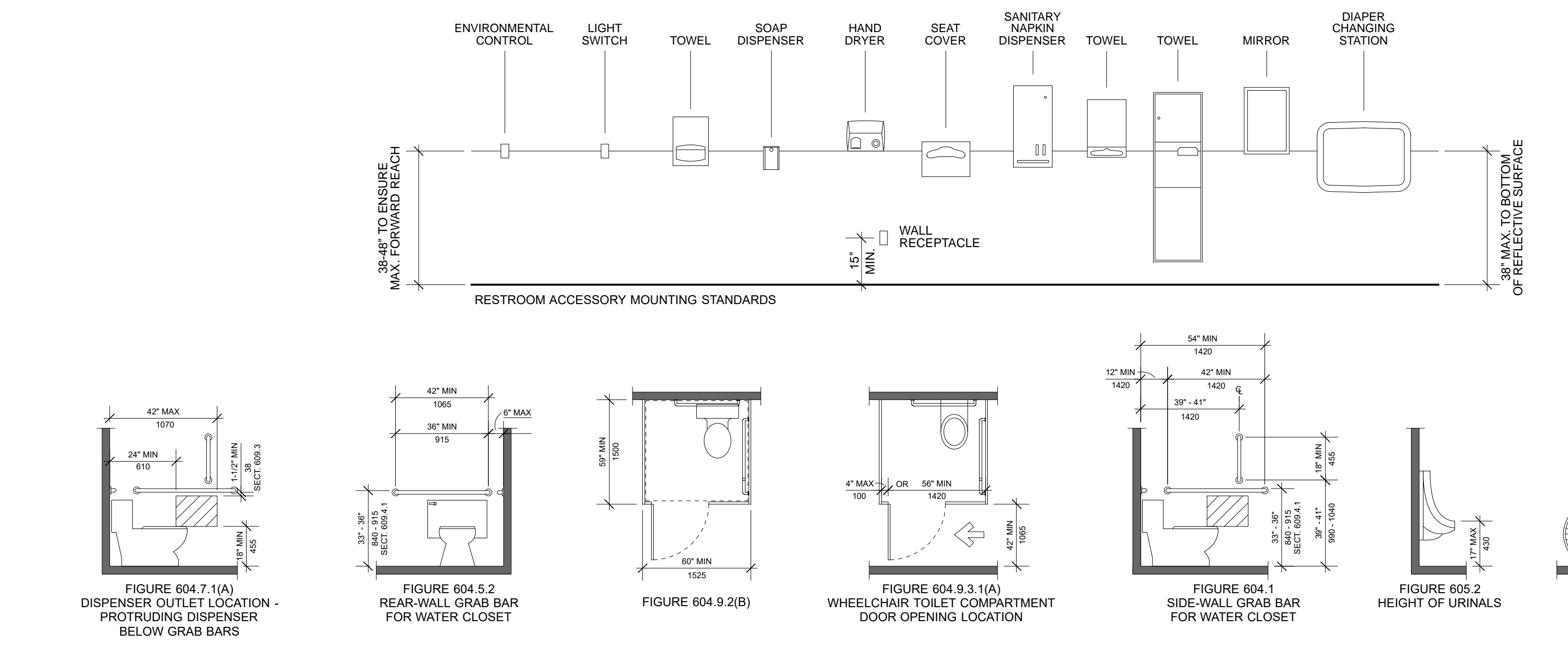


EXISTING / DEMOLITION FLOOR PLAN

1/4" = 1'-0"

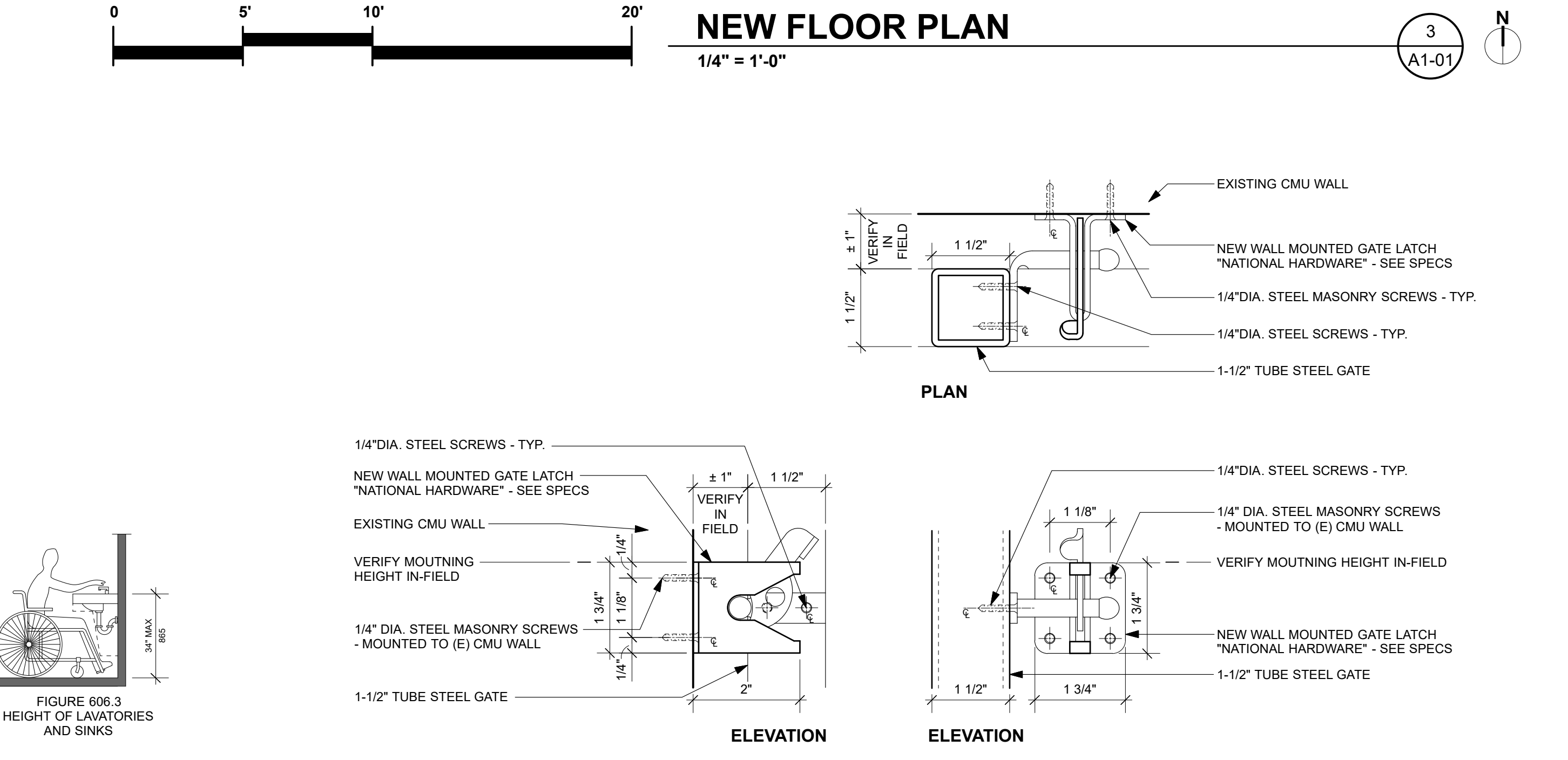
NEW FLOOR PLAN

1/4" = 1'-0"



ACCESSIBILITY STANDARDS

NTS



GATE LATCH DETAILS

6" = 1'-0"

REVISIONS

ISSUED:	DATE:	DESCRIPTION:

SPEARS HORN ARCHITECTS
1334 Pacheco Street
Santa Fe, NM 87505
t: 505.983.6966
www.spearshorn.com

design office
landscape - planning - urbanism
DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t: 505.983.1415
www.do-designoffice.com

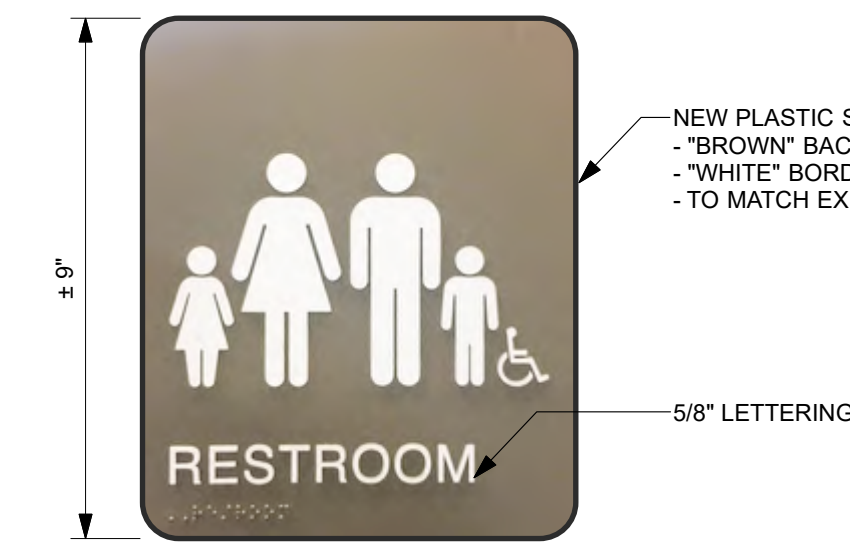
STATE OF NEW MEXICO
JAMES RICHARD HORN
NO. 4312
REGISTERED ARCHITECT
16 APR. 2021

SANTA FE COUNTY
ROMERO PARK - IMPROVEMENTS
CAJA DEL ORO GRANT ROAD
AGUA FRIA, NEW MEXICO 87507

DRAWN BY: DATE: 4.16.2021

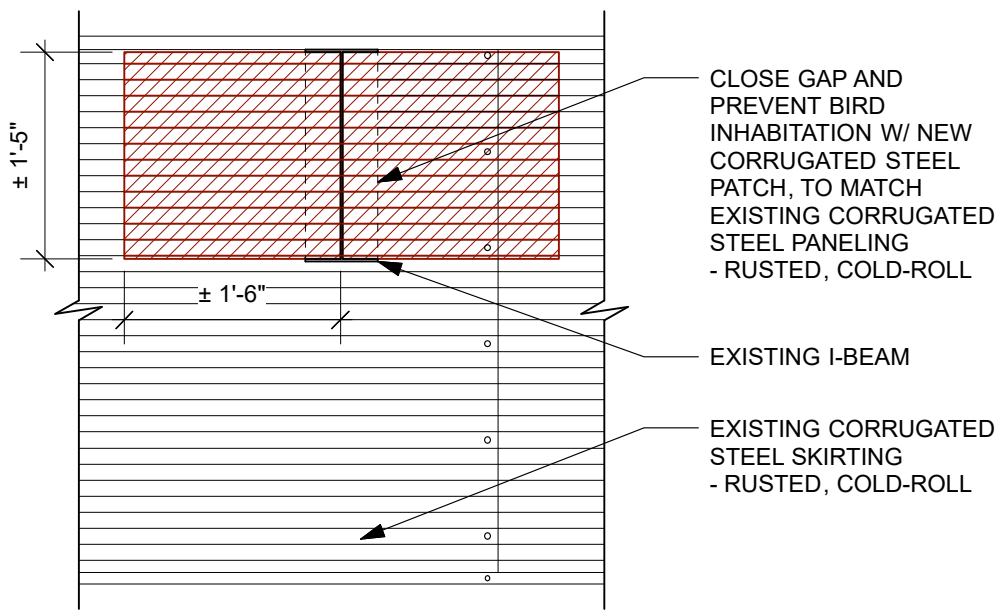
SHEET TITLE:
**DEMO + NEW FLOOR PLAN
ADD. ALT. #2**

SHEET NUMBER:
A1-01



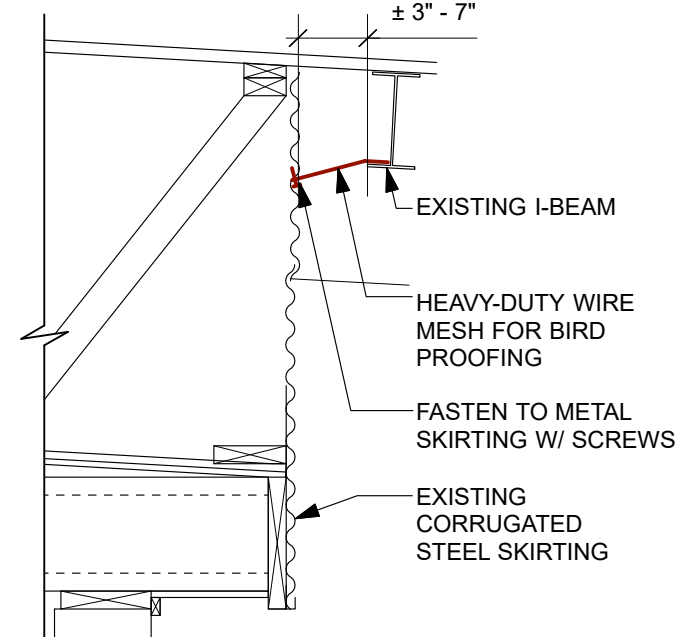
SIGNAGE STANDARD
NO SCALE

8
A1-02



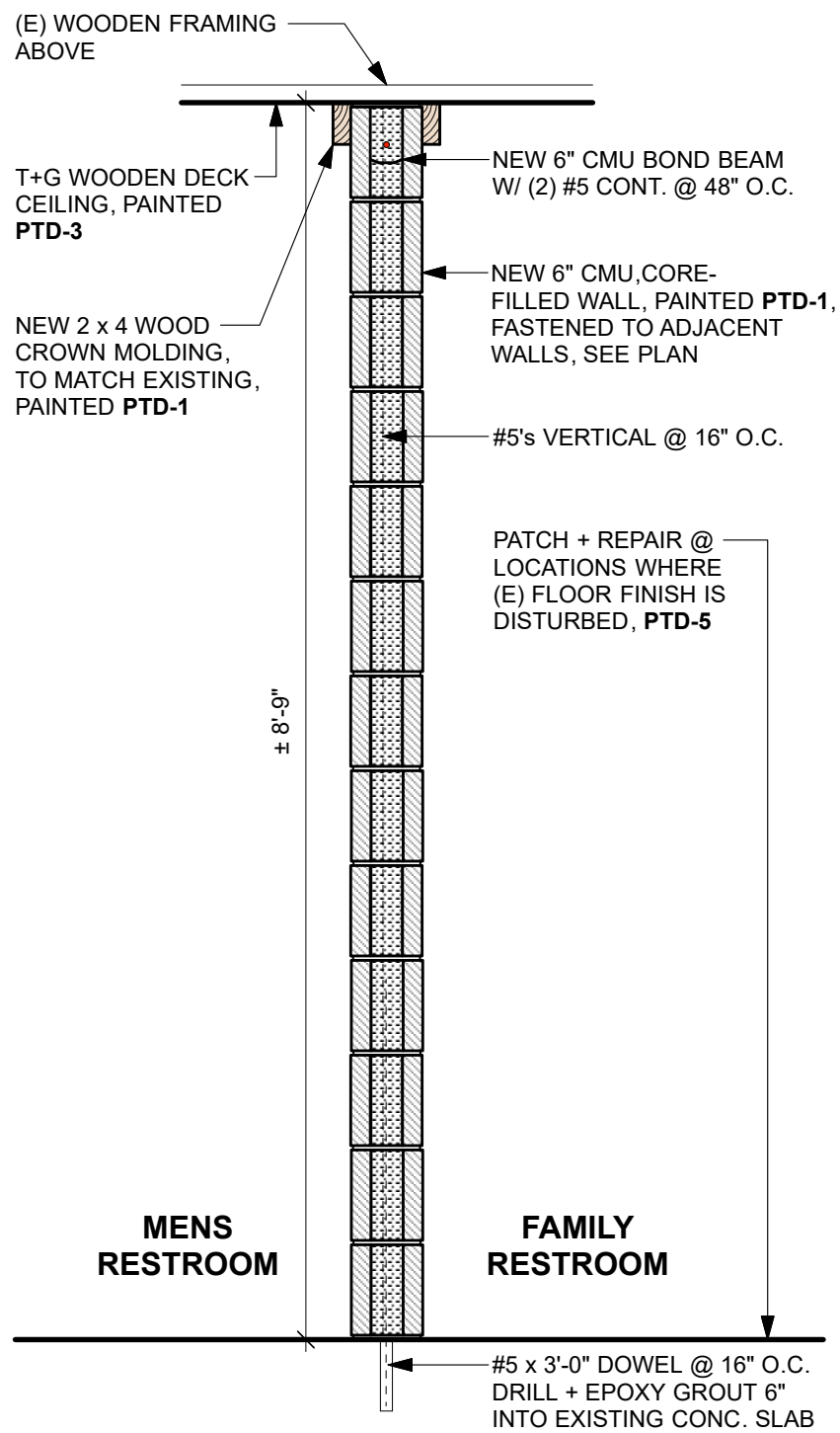
BIRD PROOFING
3/4" = 1'-0"

7
A1-02



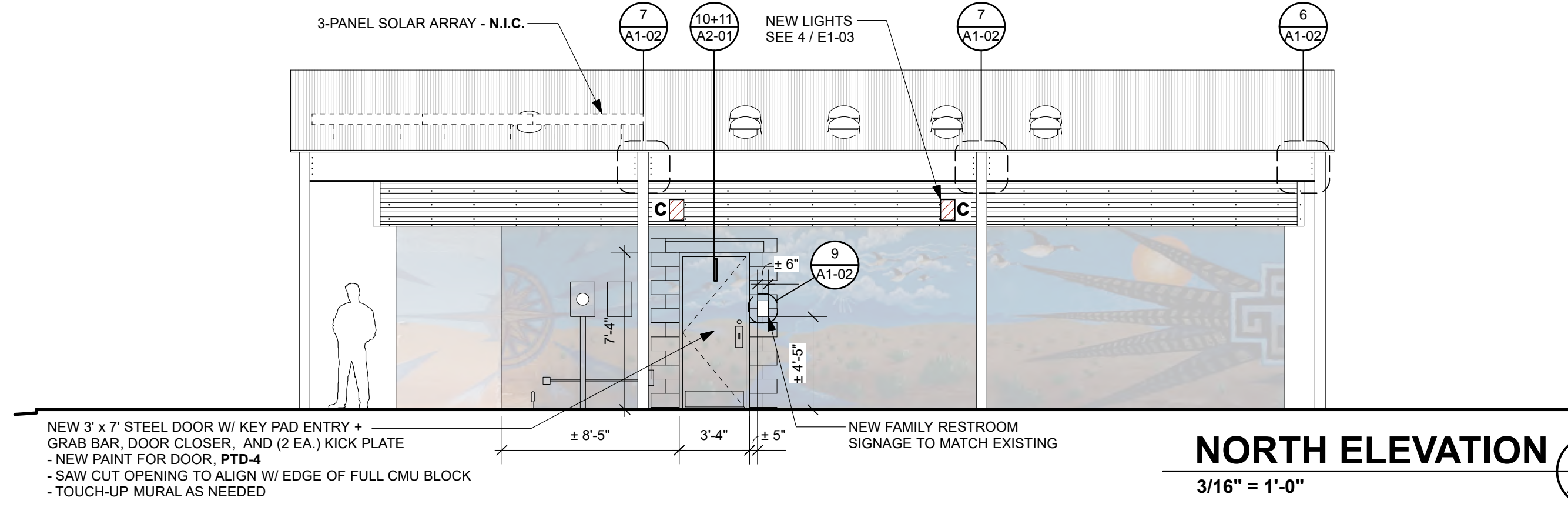
BIRD PROOFING
3/4" = 1'-0"

6
A1-02



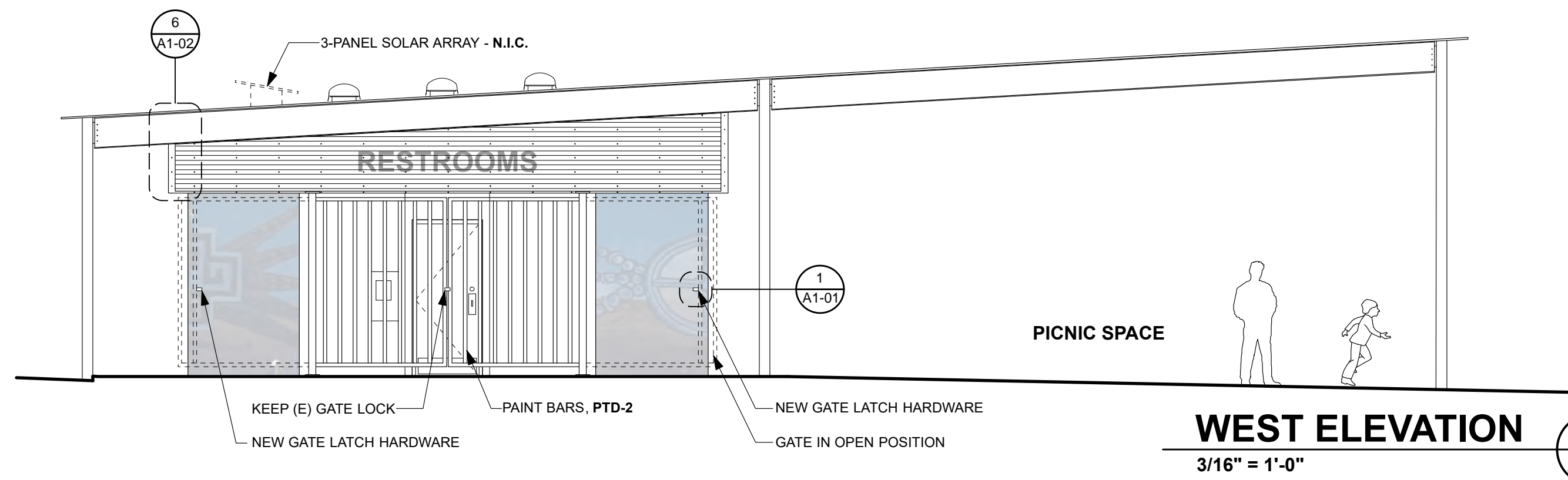
NEW 6" CMU WALL
3/4" = 1'-0"

5
A1-02



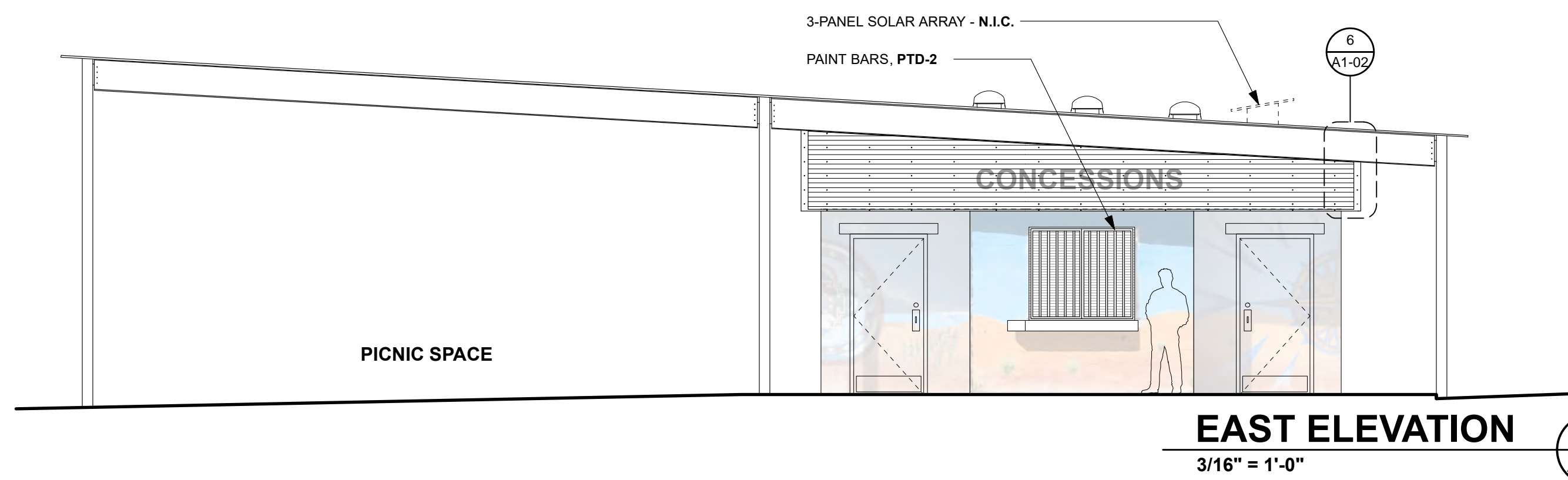
NORTH ELEVATION
3/16" = 1'-0"

4
A1-02



WEST ELEVATION
3/16" = 1'-0"

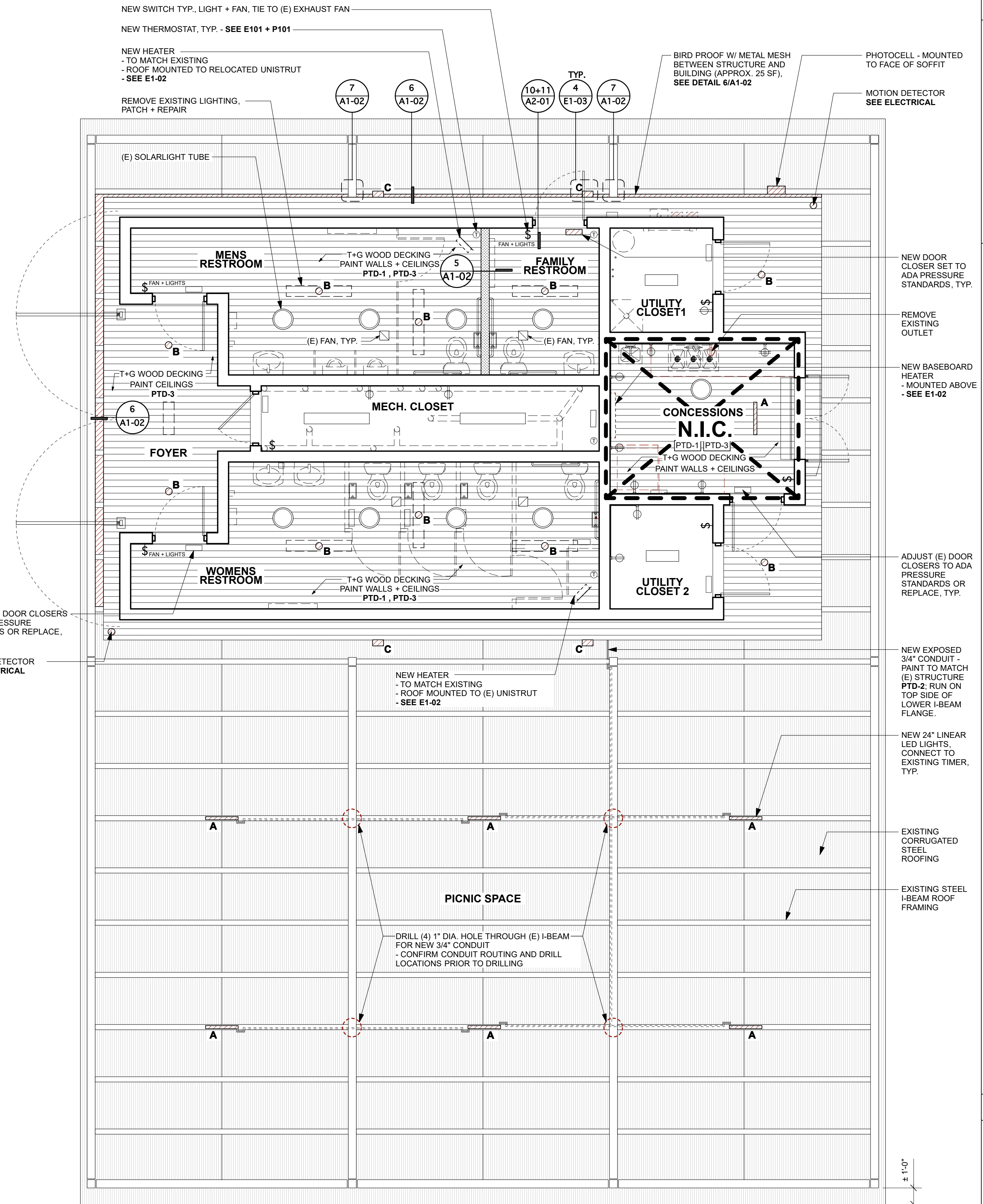
3
A1-02



EAST ELEVATION
3/16" = 1'-0"

2
A1-02

CONCESSIONS:
EXCLUDE ALL WORK RELATED TO CONCESSIONS: NOT IN CONTRACT



REFLECTED CEILING PLAN
1/4" = 1'-0"

1
A1-02

REVISIONS		
ISSUED:	DATE:	DESCRIPTION:

SANTA FE COUNTY
ROMERO PARK - IMPROVEMENTS

design office
landscape - planning - urbanism
DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t: 505.983.1415
www.dob-designoffice.com

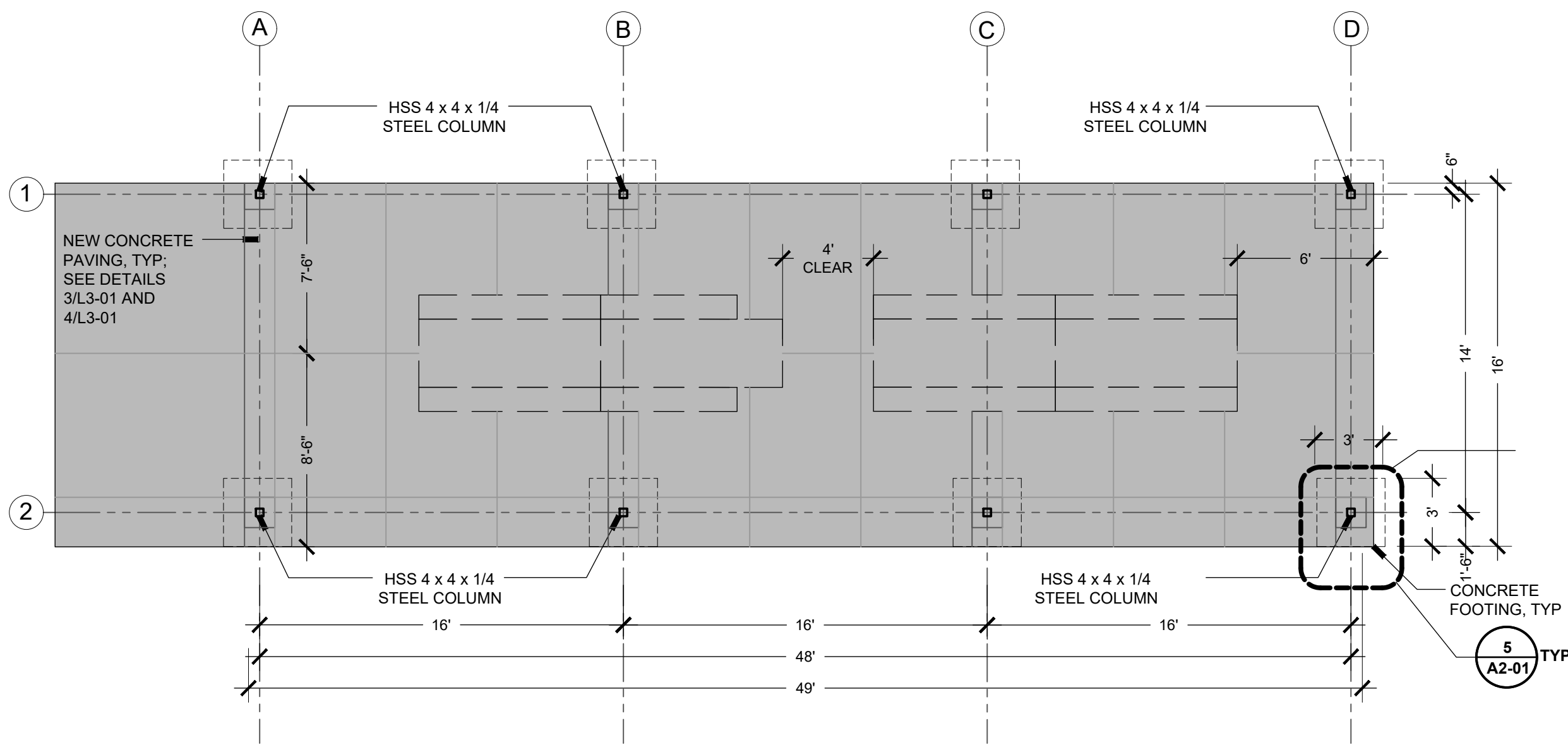
STATE OF NEW MEXICO
REGISTERED ARCHITECT
JAMES RICHARD HORN
NO. 4312
16 APR. 2021

CAJA DEL ORO GRANT ROAD
AGUA FRIA, NEW MEXICO 87507

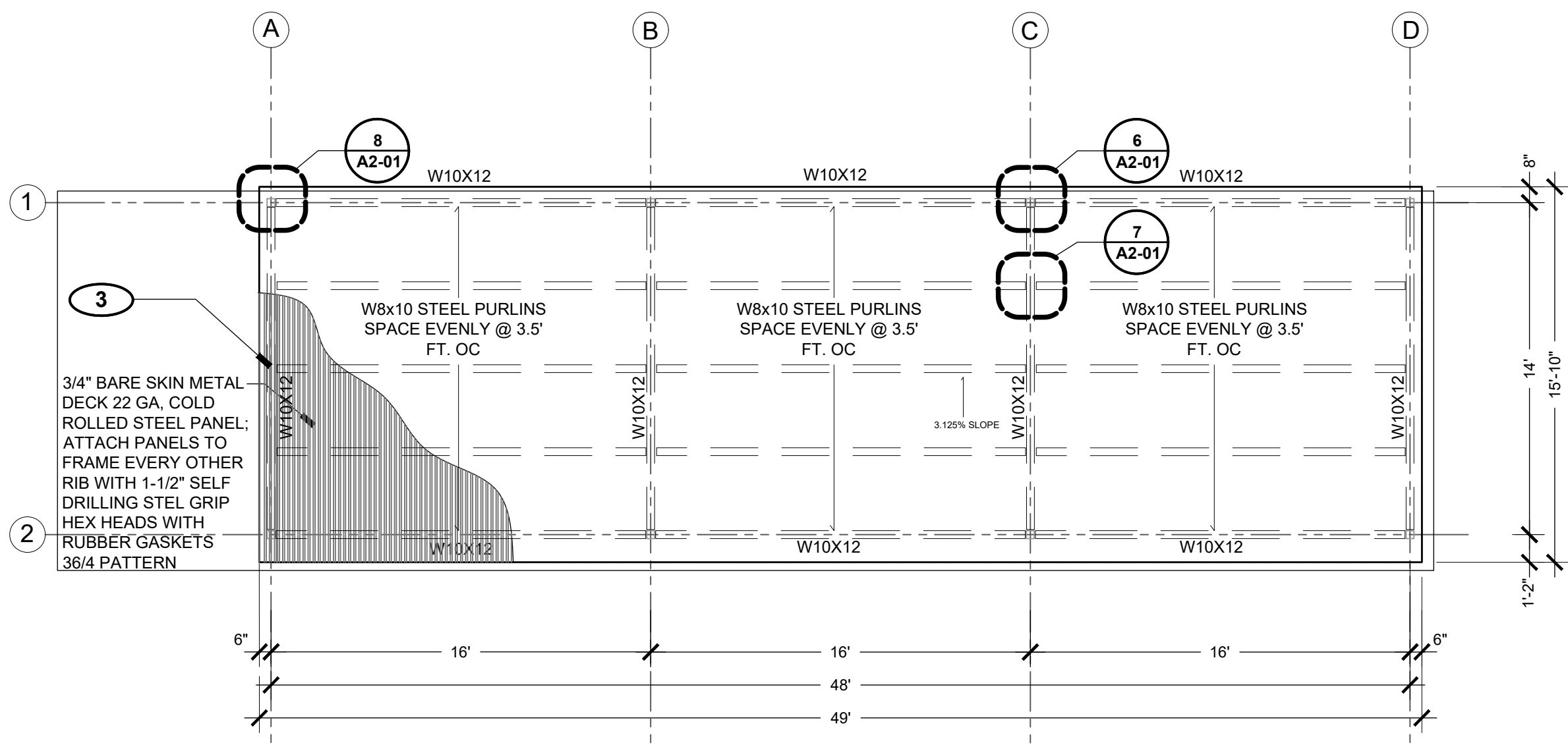
DRAWN BY: DATE: 4.16.2021

SHEET TITLE:
ELEVATIONS + DETAILS + REFLECTED CEILING PLAN
ADD. ALT. #2

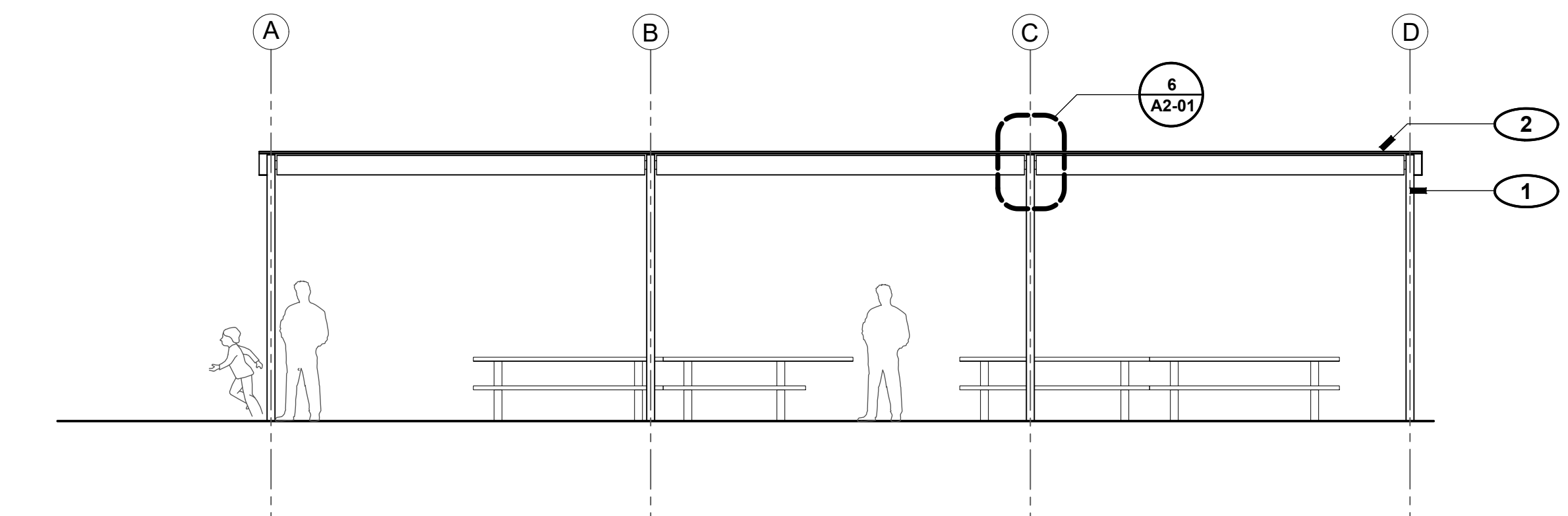
SHEET NUMBER:
A1-02



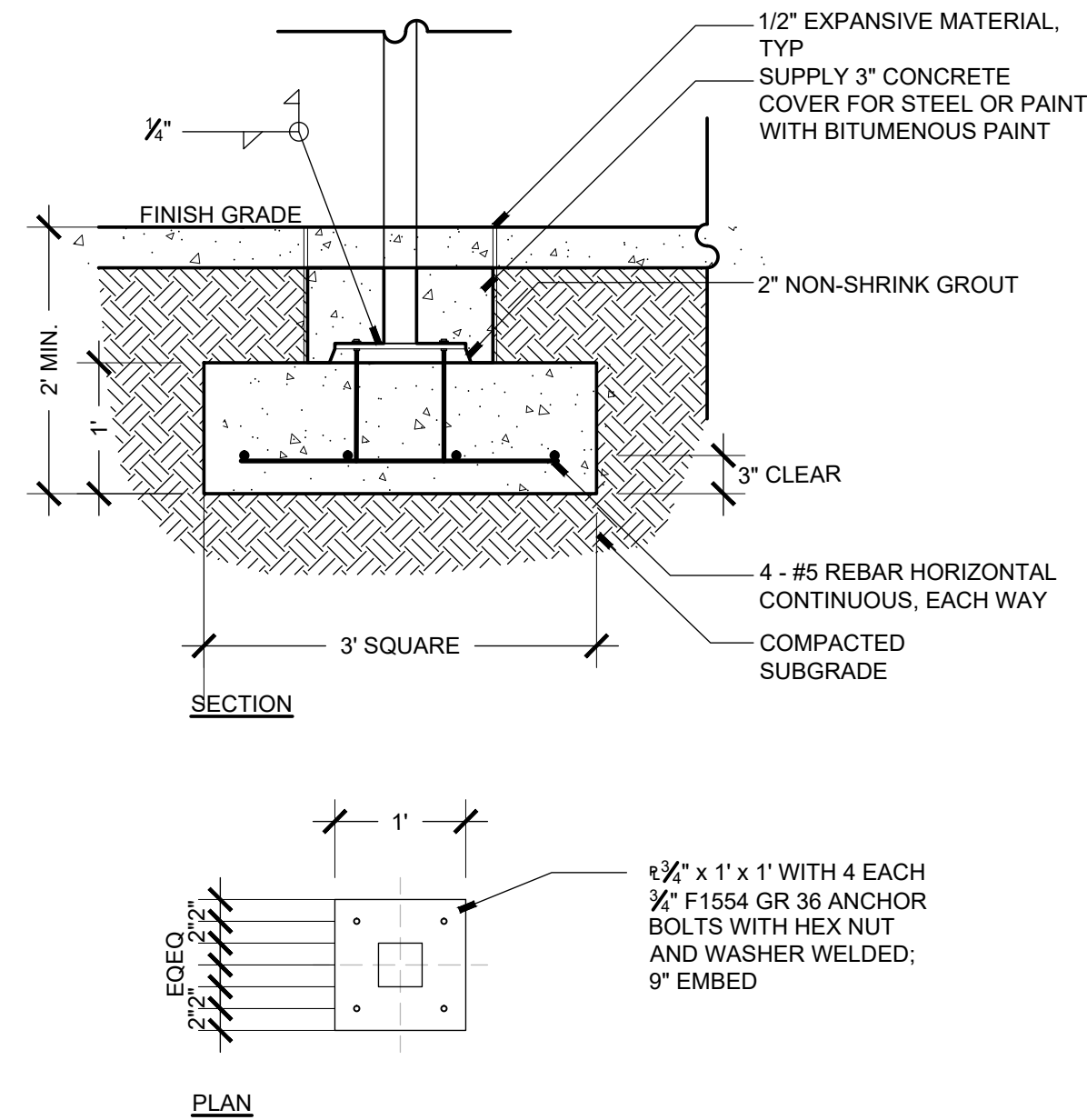
1 PICNIC SHELTER FOUNDATION PLAN
SCALE: 3/16" = 1'-0" PLAN



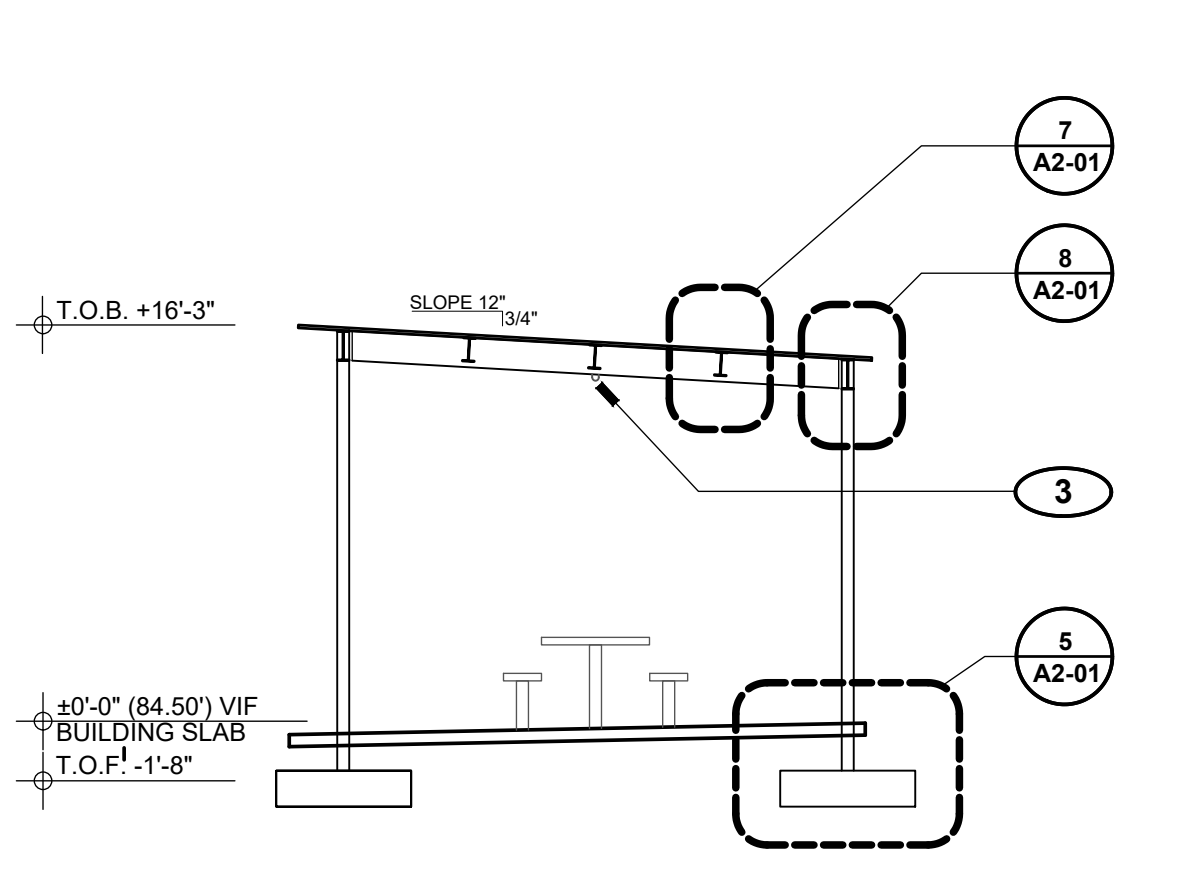
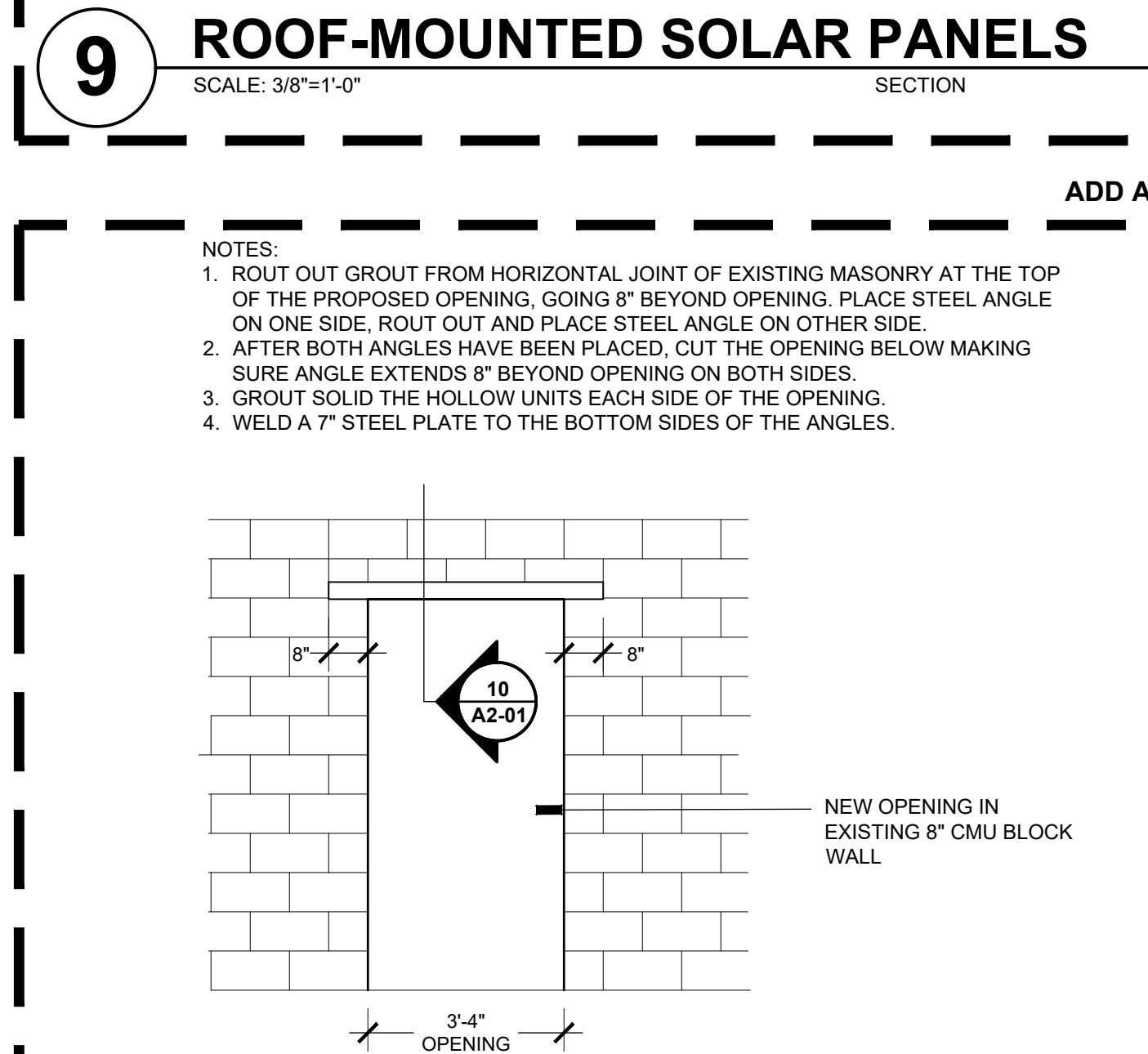
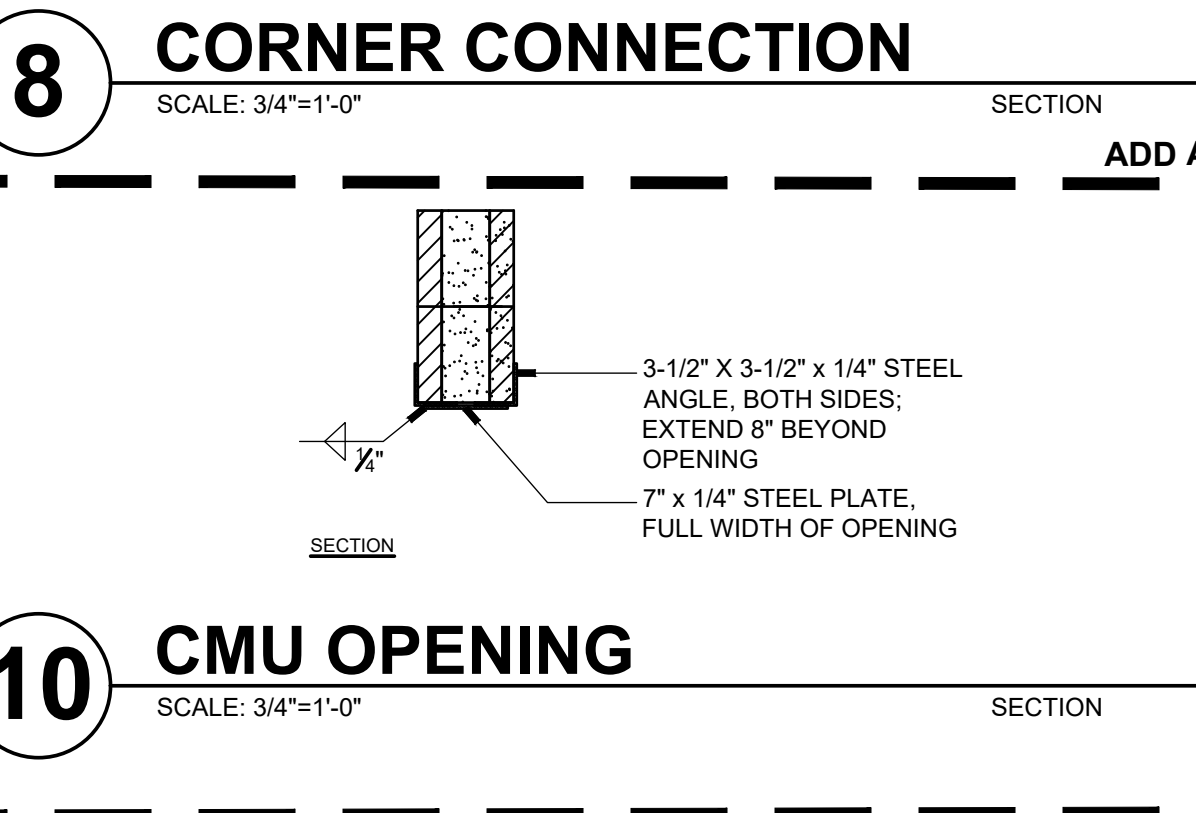
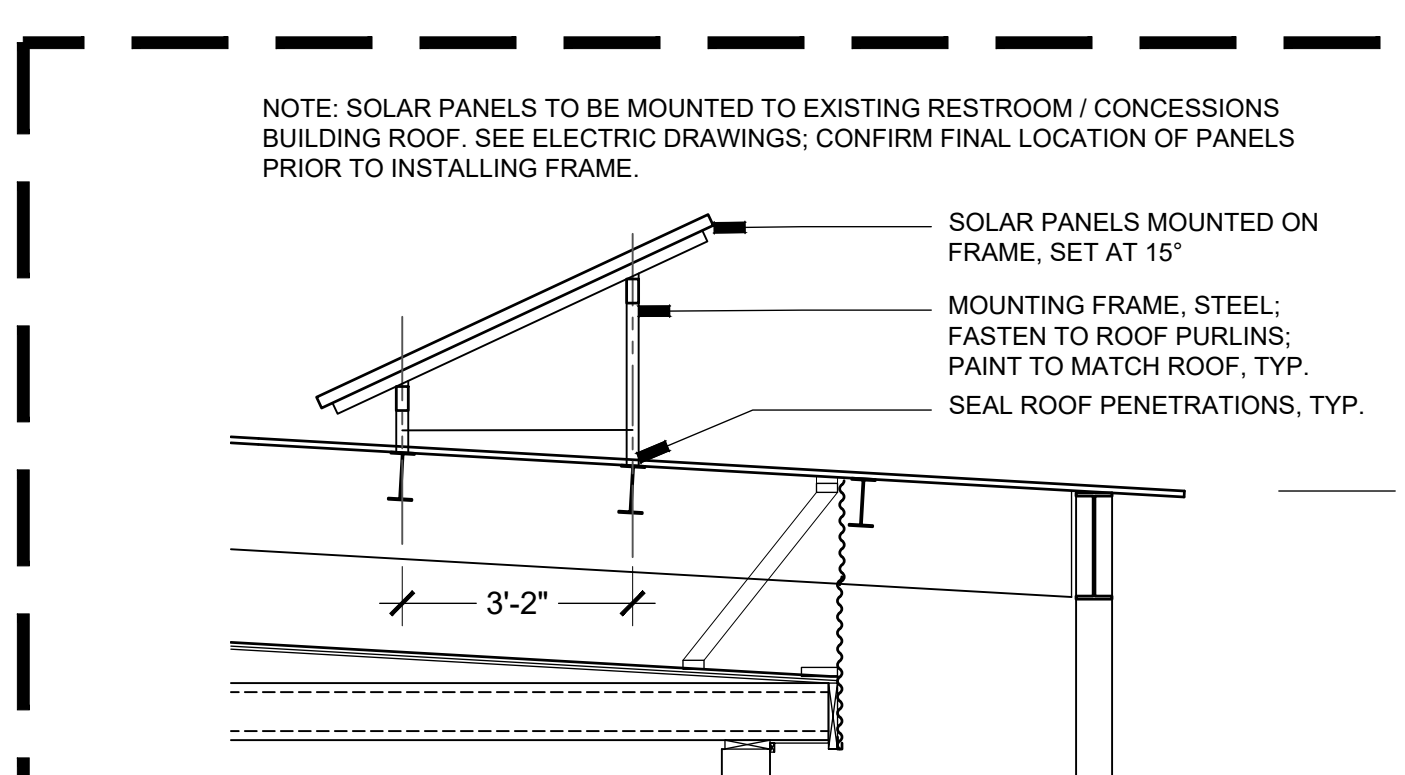
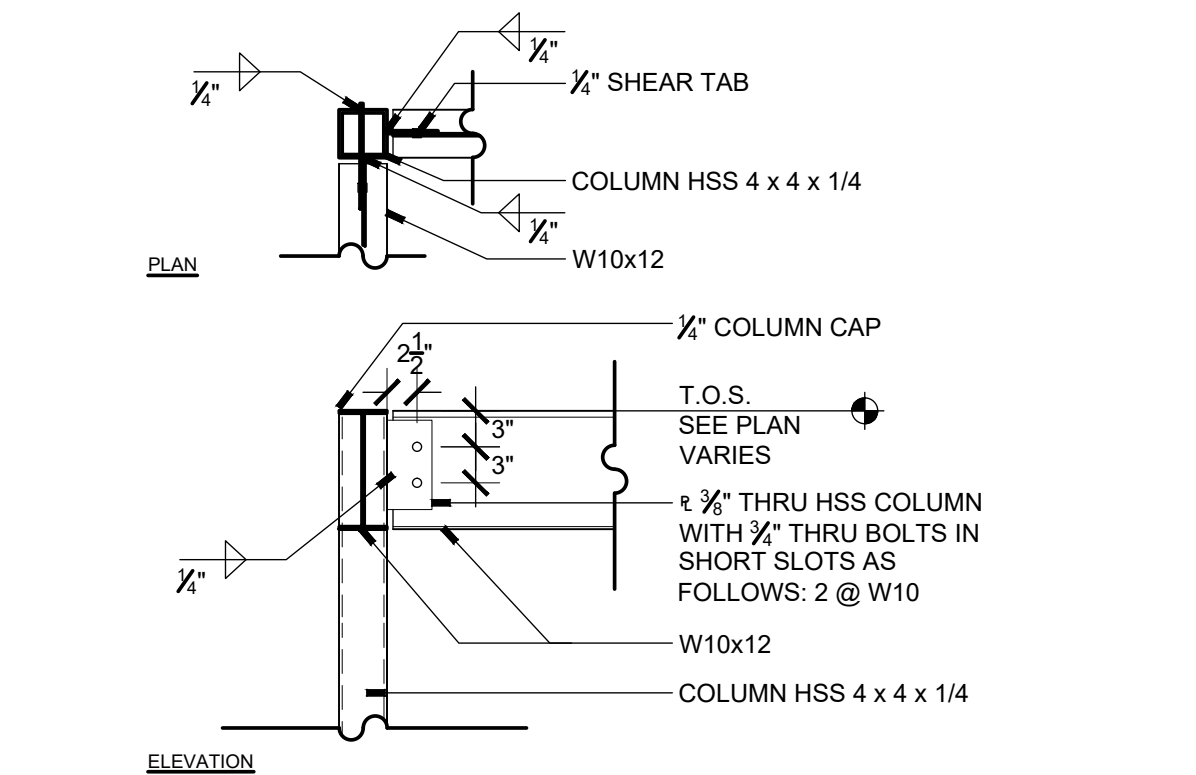
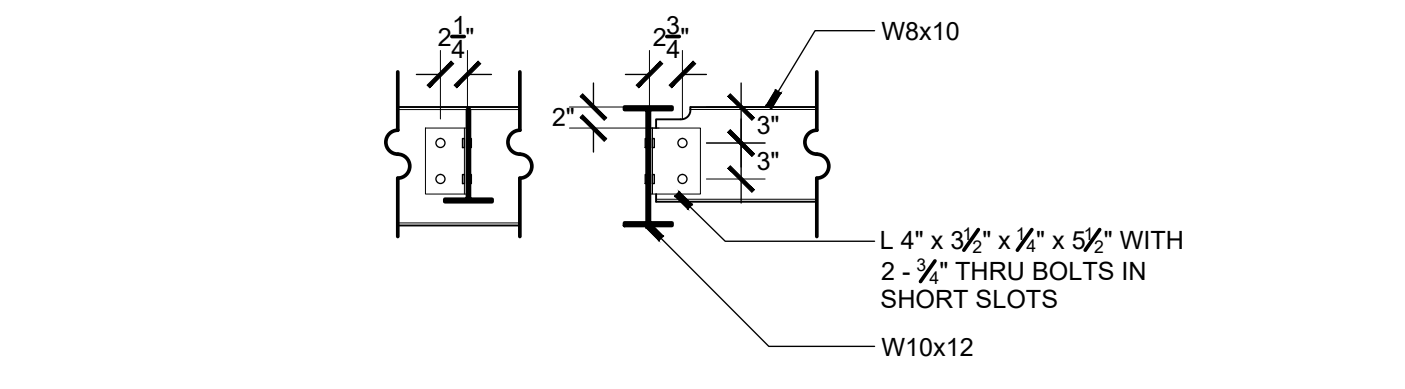
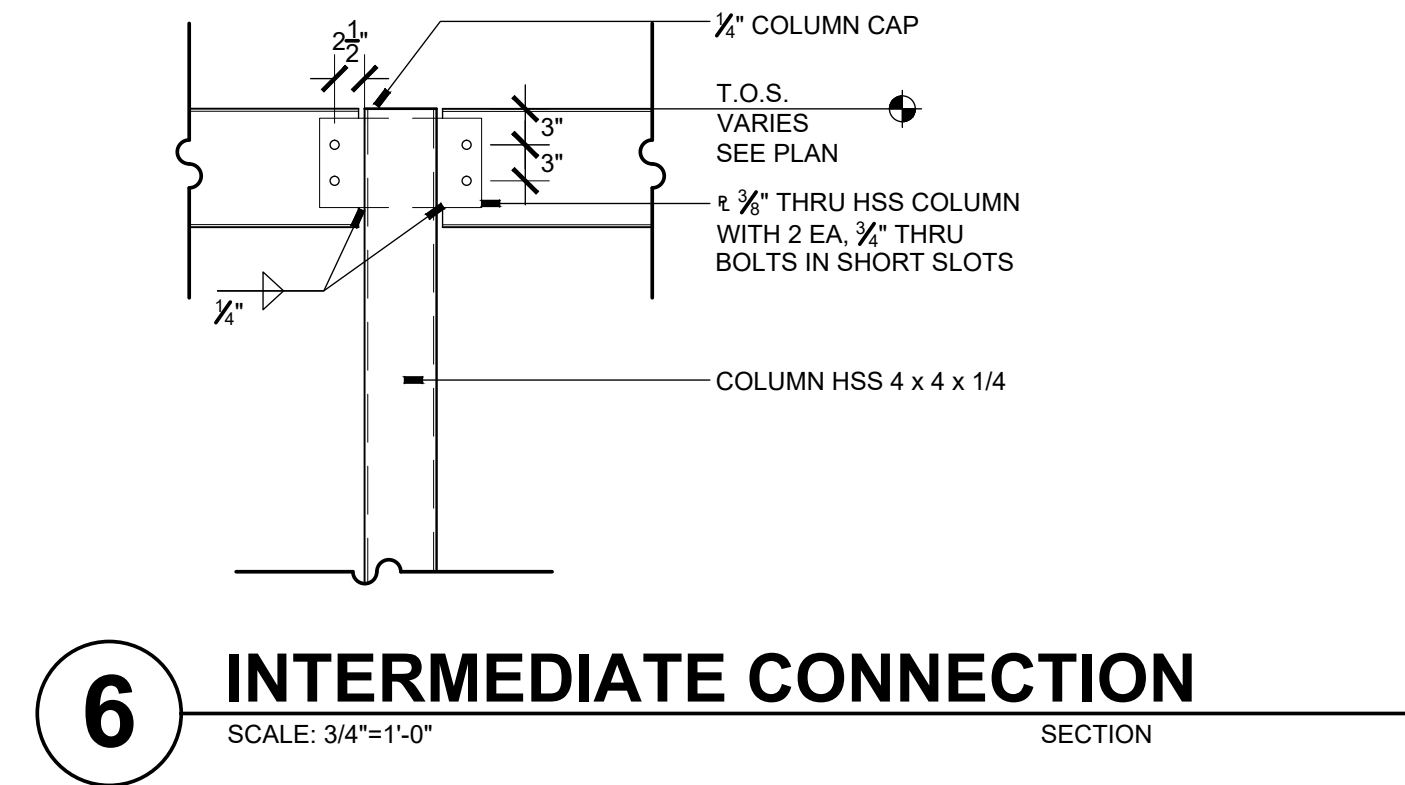
2 PICNIC SHELTER FRAMING PLAN
SCALE: 3/16" = 1'-0" PLAN



3 PICNIC SHELTER ELEVATION
SCALE: 3/16" = 1'-0" PLAN



5 FOOTING + BASEPLATE
SCALE: 3/4" = 1'-0" SECTION



4 PICNIC SHELTER SECTION
SCALE: 3/16" = 1'-0" PLAN

- PICNIC SHELTER KEYED NOTES**
- 1 STEEL STRUCTURE; WEATHERED STEEL FINISH, TYP.
 - 2 CORRUGATED METAL DECKING; WEATHERED STEEL FINISH, TYP.
 - 3 PINATA HOOK, 3/16" DIA STEEL, APPROX. 2" DEEP X 2" WIDE OPENING; WELD TO UNDERSIDE OF BEAM; CENTER BETWEEN COLUMNS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
t 505.989.9557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t 303.980.5327
www.hydroscapes.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa street, Suite 24
Santa Fe, NM 87505
t 505.983.1415
www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH DATE April 16, 2021

SHEET TITLE
PICNIC SHELTER PLANS, ELEVATIONS, AND DETAILS

SHEET NUMBER
A2-01

ELECTRICAL SYMBOLS LEGEND			
LIGHTING		POWER	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LIGHT (SEE LIGHT FIXTURE SCHEDULE)		DUPLEX RECEPTACLE, 18" AFF
	EMERGENCY LIGHT		FOURPLEX RECEPTACLE, 18" AFF
	LIGHT 2X2 (SEE LIGHT FIXTURE SCHEDULE)		250V RECEPTACLE, 18" AFF
	RECESSED DOWNLIGHT		DUPLEX RECEPT., 1/2 SWITCH, 18" AFF
	PENDANT		GND FLT INTERRUPT RECEPT., 18" AFF
	LIGHTING TRACK		WEATHER PROOF RECEPTACLE, 18" AFF
	CEILING SURFACE MOUNTED		SPECIAL RECEPTACLE
	LINEAR CEILING SURFACE MOUNTED		SINGLE SPECIAL
	SCONCE		DUPLEX SPECIAL
	VANITY LIGHT		SIMPLEX RECEPTACLE
	STRIP LIGHT		CEILING MOUNTED DUPLEX RECEPTACLE
	UNDER CABINET		FLOOR MOUNTED DUPLEX RECEPTACLE
	OUTDOOR POLE MOUNTED		CLOCK OUTLET
	OUTDOOR SCONCE		SURFACE MOUNTED PLUG RACEWAY
	OUTDOOR WALL PACK		DISCONNECT SWITCH
	EMERGENCY EXIT		THERMAL OVERLOAD SWITCH
	EMERGENCY EGRESS, 90° AFF		MOTOR OR EXHAUST FAN
	CEILING FAN		PULL BOX
	SINGLE POLE SWITCH, 42" AFF		CEILING MOUNTED JUNCTION BOX
	THREE WAY SWITCH, 42" AFF		WALL MOUNTED JUNCTION BOX
	FOUR WAY SWITCH, 40" AFF		DROP CORD
	WEATHER PROOF SWITCH, 42" AFF		THERMOSTAT OUTLET BOX
	DIMMER SWITCH, 42" AFF		ELECTRICAL PANEL, SURFACE MOUNTED
	OCCUPANCY SENSOR SWITCH, 42" AFF		ELECTRICAL PANEL, RECESSED MOUNTED
	PUSH BUTTON SWITCH		PAD MOUNT TRANSFORMER
	TIME SWITCH		WALL MOUNT TRANSFORMER
	LIGHTING CONTACTOR		ELECTRICAL KEYED NOTE
	PHOTO CELL		EQUIPMENT SYMBOL
	OCCUPANCY SENSOR		CONDUIT LEADER LINE FOR SIZES
	EXISTING DEVICE SHOWN DASHED		BRANCH CIRCUIT HOMERUN
NOTE: THIS SYMBOLS LEGEND IS A GENERAL REPRESENTATION OF DEVICES USED. SOME PROJECTS MAY NOT UTILIZE ALL SYMBOLS REPRESENTED. COORDINATE ALL SYMBOLS FROM PLANS.			GROUND
			GROUND ROD
			LIGHTNING ARRESTOR
			FIRE ALARM PULL BOX, 42" AFF
	FIRE ALARM STROBE, 90" AFF		FIRE ALARM HORN/STROBE, 90" AFF
	FA MAGNETIC DOOR HOLDER		FA FIRE/SMOKE DAMPER
	FA REMOTE INDICATOR		FLOW SWITCH
	TAMPER SWITCH		GAS DETECTOR
	HEAT DETECTOR		SMOKE DETECTOR
	CEILING SPEAKER		WALL MOUNTED SPEAKER, 90" AFF
	SPEAKER VOLUME CONTROL, 42" AFF		TELEVISION OUTLET
	SECURITY DIGITAL KEY PAD		SECURITY INFRARED MOTION SENSOR
	SECURITY DOOR CONTACTS		SECURITY CAMERA
	COMMUNICATIONS/DATA OUTLET		COMMUNICATIONS/DATA OUTLET, IN FLOOR
	COMMUNICATIONS/DATA OUTLET, IN CEILING		TELEPHONE OUTLET
	PA CALL SWITCH		BUZZER
	BELL		MICROPHONE, WALL MOUNTED
	MICROPHONE, FLOOR MOUNTED		TELEPHONE BACKBOARD
	PANIC BUTTON		CARD READER
	AUTO DIALER		WIRELESS MICROPHONE TRANSMITTER
	AUDIO MICROPHONE INPUT		

GENERAL PANELBOARD NOTES:

- A. ALL PANELBOARDS SHALL HAVE TYPED CIRCUIT DIRECTORIES, PLACED BEHIND CLEAR PLASTIC PROTECTIVE COVER. DESIGNATIONS ON DIRECTORY SHALL BE MORE DESCRIPTIVE THAN AS SHOWN ON THE DRAWING PANEL SCHEDULES. "SPARES" AND "SPACES" SHALL BE INDICATED ON DIRECTORY WITH ERASABLE PENCIL (NOT TYPED).
- B. ALL PANELBOARDS SHALL BE PROVIDED WITH NAMEPLATES SECURED TO EQUIPMENT WITH STEEL SCREWS. NAMEPLATES SHALL BE LAMINATED PLASTIC WITH ENGRAVED 3/4" MIN. WHITE LETTERS ON BLACK BACKGROUND AND SHALL INDICATE PANEL DESIGNATION, VOLTAGE, PHASE, AND AMPACITY AND LOCATION OF OVERCURRENT PROTECTIVE DEVICE FEEDING PANEL.
- C. ALL PANELBOARDS SHALL BE PROVIDED WITH GROUND BUS/GROUND STRIP MOUNTED ON A CLEAN SURFACE OF THE PANELBOARD CAN. GROUND CONDUCTOR SHALL BE PROVIDED TO THE PANELBOARD GROUND BUS FROM THE GROUND SYSTEM IN THE SERVICE ENTRANCE SECTION OF DISTRIBUTION SECTION.
- D. ALL PANELBOARDS SHALL HAVE FACTORY FURNISHED CIRCUIT BREAKER NUMBERING. PUNCHED TAPE OR MARKERS WILL NOT BE PERMITTED. BRANCH CIRCUIT BREAKER NUMBER ON PANELBOARDS SHALL MATCH NUMBERING AS SHOWN ON THE PLANS.
- E. ALL BRANCH CIRCUIT CONDUCTORS EXTENDING FROM PANELBOARDS TO RESPECTIVE DEVICES SHALL BE COLOR CODED AND SHALL BE INSTALLED CONTINUOUS IN EACH RUN AND SHALL HAVE A TAG DESIGNATING THE BRANCH CIRCUIT NUMBERS LOCATED AT ALL JUNCTION BOXES.
- F. PER NEC, ALL BRANCH CIRCUIT PANELBOARDS SHALL BE PROVIDED WITH GFI AND AFCI CIRCUIT BREAKERS FOR APPROPRIATE CIRCUITS. TWO AND THREE POLE CIRCUIT BREAKERS SHALL BE PROVIDED FOR MULTIWIRE BRANCH CIRCUITS. USE AHACR@ BREAKERS FOR HEATING/AIR CONDITIONING LOADS AND ASWD@ BREAKERS FOR LIGHTING CIRCUITS.
- G. PROVIDE ALL PANELS WITH LUGS/CONNECTIONS SIZED FOR FEEDERS SPECIFIED. FEEDERS MAYBE OVERSIZED PER NEC FOR DERATING FACTORS. COORDINATE FEEDER SIZES WITH EQUIPMENT SUPPLIER PRIOR TO ORDERING.
- H. RATE PANELBOARDS FOR SERVICE ENTRANCE EQUIPMENT WHERE APPLICABLE, SHORT CIRCUIT RATING OF PANELBOARDS AND OVER-CURRENT PROTECTION TO BE COORDINATED WITH EXISTING UPSTREAM OVER-CURRENT PROTECTION PRIOR TO ISSUANCE OF SUBMITTALS. PROPERLY LABEL ALL PANELBOARDS.

GENERAL SPECIAL SYSTEM NOTES:

- A. ALL EMPTY SPECIAL SYSTEMS FEEDER CONDUITS EXTENDING BETWEEN COMMUNICATIONS CLOSETS SHALL BE PROVIDE WITH AN UNSPLICED, MEASURED PULL TAPE, NO EXCEPTIONS.
- B. IDENTIFY RACEWAYS OF CERTAIN SYSTEMS WITH COLOR BANDING: BAND EXPOSED OR ACCESSIBLE RACEWAYS OF THE FOLLOWING SYSTEMS FOR IDENTIFICATION. BANDS SHALL BE PRETENSIONED, SNAP-AROUND COLORED PLASTIC SLEEVES, COLORED ADHESIVE MARKING TAPE, OR A COMBINATION OF THE TWO. MAKE EACH COLOR BAND 2 INCHES WIDE, COMPLETELY ENCIRCLING CONDUIT, AND PLACE ADJACENT BANDS OF TWO-COLOR MARKINGS IN CONTACT, SIDE BY SIDE. INSTALL BANDS AT CHANGES IN DIRECTION, AT PENETRATIONS OF WALLS AND FLOORS, AND AT 40-FOOT MAXIMUM INTERVALS IN STRAIGHT RUNS. APPLY THE FOLLOWING COLORS:
 1. DATA SYSTEM: GREEN AND YELLOW
 2. TELEPHONE: ORANGE AND YELLOW
- C. DATA/TELEPHONE: THE DATA/TELEPHONE SYSTEM SHALL BE A SYSTEM BY THE ELECTRICAL CONTRACTOR. EQUIPMENT, DEVICES AND CABLING SHALL BE FURNISHED BY SPECIAL SYSTEMS SUBCONTRACTOR. EACH COMMUNICATIONS/TELEPHONE OUTLET SHALL BE PROVIDED WITH A CONDUIT STUB UP TO THE ACCESSIBLE CEILING SPACE UNLESS OTHERWISE INDICATED. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL BACKBOARDS.
- D. ALL STROBES SHALL BE SYNCHRONIZED AND COMPLY WITH NFPA 72, FIRE ALARMS, AND NFPA 101, LIFE SAFETY CODE.
- E. ALL DEVICES SHALL BE ADA COMPLIANT.

GENERAL PROJECT NOTES:

- A. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROVIDING ALL WORK INDICATED BY THESE DRAWINGS. THIS CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, SUPPLIES AND MATERIALS IN ADDITION TO PERFORMING ALL OPERATIONS INCLUDING CUTTING, CHANNELING AND UNDERGROUND TRENCHING NECESSARY FOR THE INSTALLATION OF COMPLETE POWER, LIGHTING, OR OTHER SYSTEMS AS SHOWN.
- B. PERFORM ALL ELECTRICAL WORK IN A NEAT AND WORKMANLIKE MANNER IN FULL COMPLIANCE WITH ALL APPLICABLE CODES AND THE NATIONAL ELECTRICAL CODE (NEC). ALL LOCAL AND STATE REQUIREMENTS WILL BE OBSERVED DURING THE PERFORMANCE OF THIS WORK.
- C. SHOULD THE CONTRACTOR DETECT ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND LEGAL OR SAFETY REQUIREMENTS FOR THE PROJECT, HE SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING. ONCE NOTIFIED THE ENGINEER SHALL MODIFY THE CONTRACT DOCUMENTS ACCORDINGLY. IF THE CONTRACTOR PROCEEDS WITH ANY WORK WHICH IS IN VARIANCE OF KNOWN LEGAL OR SAFETY REQUIREMENTS, THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THIS WORK AND SHALL PROMPTLY CORRECT THE WORK WHEN NOTIFIED WITHOUT ADDITIONAL COST TO THE OWNER.
- D. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH DEMOLITION. NO CLAIM FOR ADDITIONAL COST OR TIME EXTENSION WILL BE ALLOWED WITHOUT PROPER NOTICE PLUS PRIOR DETERMINATION OF TIME AND COST TO THE OWNER.
- E. ANY DAMAGE ON THE CONSTRUCTION SITE CAUSED BY THE CONTRACTOR OR A PARTY TO THE CONTRACTOR SHALL BE REPAIRED PRIOR TO CONTRACT DATE OF SUBSTANTIAL COMPLETION AT NO ADDITIONAL EXPENSE TO THE OWNER.
- F. EXTEND ALL CONDUIT AND CONDUCTORS, INSTALL ELECTRICAL EQUIPMENT AS NECESSARY, AND MAKE ALL FINAL CONNECTIONS TO MECHANICAL AND OWNER FURNISHED EQUIPMENT. LEAVE ALL EQUIPMENT IN OPERABLE CONDITION WITH APPROPRIATE OVERLOAD AND SERVICE DISCONNECT PROTECTION AS REQUIRED BY THE APPLICABLE CODES. FOLLOW MANUFACTURER INSTALLATION GUIDELINES WHERE APPLICABLE.
- G. ALL CONDUCTORS SHALL BE RATED FOR 600 VOLTS WITH TYPE THHN/THWN, 90 DEGREE INSULATION UNLESS OTHERWISE INDICATED. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR POWER CIRCUITS UNDER 100FT AND #10 AWG FOR POWER CIRCUITS OVER 100FT. CONDUCTORS SHALL BE SOLID FOR #12 AWG AND STRANDED FOR #10 AWG OR LARGER. ALL WIRING SHALL BE RUN IN CONDUIT INCLUDING LOW VOLTAGE CONTROL WIRING. SIGNAL WIRING MAY BE RUN IN PVC CONDUIT OR PVC FLEXIBLE TUBING.
- H. RUN CONDUIT CONCEALED UNLESS OTHERWISE SHOWN ON THE DRAWINGS. USE FLEXIBLE METALLIC CONDUIT OR SURFACE MOUNTED RACEWAY ONLY WHEN APPROVED BY OWNER AND ARCHITECT. PROVIDE EXPANSION FITTINGS FOR CONDUIT CROSSING EXPANSION JOINTS.
- I. SUPPORT ALL CONDUIT INDEPENDENTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT FROM VENTILATION DUCTS, MECHANICAL PIPING, SUSPENDED CEILING GRIDS, OR THEIR HANGERS. USE ACCEPTABLE METHODS OF SUPPORT.
- J. PROVIDE WIRING DEVICES RATED FOR THE GIVEN APPLICATION AS REQUIRED BY CODE. SPECIAL DEVICES SHALL BE PROVIDED AS INDICATED.
- K. MAKE ALL MAIN FEEDER CONNECTIONS WITH SOLDERLESS, BOLTED TYPE CONNECTORS AND MAKE SMALLER WIRE SPLICES WITH PRESSURE TYPE CONNECTORS.
- L. INSTALL EXTERIOR WIRING AND DEVICES IN CONDUIT WITH WEATHERPROOF FITTINGS AND IN WEATHERPROOF BOXES. EQUIPMENT SHALL BE RATED FOR EXTERIOR USE.
- M. METERING AND ELECTRICAL SERVICE ENTRANCE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE NEC AND LOCAL ELECTRIC UTILITY SYSTEM STANDARDS.
- N. SIZE ALL BOXES AND ENCLOSURES PER THE NEC. PROVIDE WORKING SPACE FOR ELECTRICAL INSTALLATIONS IN ACCORDANCE WITH NEC, ARTICLE 110.
- O. MAINTAIN A MINIMUM OF 24 INCH SEPARATION BETWEEN POWER CONDUITS AND SIGNAL CONDUITS AS PRACTICAL. ROUTE CONDUITS TO NOT CROSS EACH OTHER.
- P. AFTER COMPLETION OF THE INSTALLATION, THE ENTIRE SYSTEM SHALL BE THOROUGHLY CLEANED. REMOVE ALL FOREIGN MATTER, PAINT, OIL, DIRT, GREASE, UNNEEDED LABELS OR STICKERS FROM FIXTURES AND EQUIPMENT. REMOVE ALL RUBBISH AND DEBRIS ACCUMULATED DURING INSTALLATION FROM THE PREMISES.
- Q. ALL NEW WORK OUTLETS/DEVICES SHALL BE FLUSH IN WALLS CONDUIT/WIRING SHALL BE CONCEALED. EXPOSED CONDUIT OR WIREWAY IS UNACCEPTABLE. ROUTING OF FEEDERS AND MATERIALS USED FOR BOXES/DEVICES IN TILE WALLS SHALL BE APPROVED BY ARCHITECT AND ENGINEER PRIOR TO ROUGH IN. REPAIR AND GROUT AROUND NEW J-BOXES AND FINISH AS NECESSARY TO MATCH FINISH. COORDINATE WITH ARCHITECT IN FIELD PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- R. COORDINATE FINAL LOCATION OF ALL CONDUIT/FEEDERS, PANELS, AND CONTROL PANELS WITH ENGINEER, OWNER, ARCHITECT, AND ALL TRADES PRIOR TO BEGINNING ANY ROUGH-IN WORK. PROVIDE WORKING CLEARANCES PER NEC. COORDINATE ROUTING OF FEEDERS WITHIN WALL CAVITIES OR CHASES. VERIFY CONDUIT ROUTING PRIOR TO ROUGH-IN.


LIGHT FIXTURE SCHEDULE

KEY	DESCRIPTION	MANUFACTURER	CATALOG #	TYPE	VOLT.	WATTS/FIXTURE	MOUNTING	COMMENTS
A	LINEAR	EATON (24")	PDR97100-HVSL2-2-LD4-HI-27-UNV-O-EDC1-BZ	LED	UNIV	22.1	SURFACE	APPROVED BY ARCH./OWNER
B	CIRCULAR	EATON	SLD612827WHUNVB	LED	UNIV	14.8	SURFACE	APPROVED BY ARCH./OWNER
C	EXTERIOR SCONCE	U.S. ARCHITECTURAL LIGHTING	LN-60-E26-NL-RAL-8019-T-LG LED LAMP 2700K	LED	UNIV	100	SURFACE	APPROVED BY ARCH./OWNER
D	POLE LIGHT HEAD	EATON	PDR97168-PRV-C15-D-UNV-T3-SA-BZ-ZW-SWPD5BZ-7027	LED	UNIV	52	POLE	APPROVED BY ARCH./OWNER
D	POLE LIGHT POLE	VALMONT	DS330-400Q140-D1-FP-COOPERBRONZE-FSBC-AB					APPROVED BY ARCH./OWNER
F	LINEAR (4')	EATON	4ST2L4050R	LED	UNIV	39.4	SURFACE	APPROVED BY ARCH./OWNER

NOTE: PROVIDE COLOR SAMPLE TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING. (FIXTURE 'D')

DEVICE SCHEDULE

KEY	DESCRIPTION	MANUFACTURE	MODEL NUMBER	MOUNTING
§	LINE VOLTAGE WALL SWITCH (PROVIDE 3 & 4 WAY CONFIG. AS SHOWN)	LEVITON	3 & 4-WAY 20A TOGGLE SWITCH (COORDINATE COLOR WITH ARCHITECT PRIOR TO ORDERING) (OR EQUAL PERFORMANCE)	WALL
§os	LOW VOLTAGE WALL OCCUPANCY SENSOR	DOUGLAS	WOSSDD2-P-VW (COORDINATE COLOR WITH ARCHITECT PRIOR TO ORDERING) (OR EQUAL PERFORMANCE)	WALL
OS	LOW VOLTAGE OCCUPANCY SENSOR	DOUGLAS	WOR-SDG1-P-N (OR EQUAL PERFORMANCE)	CEILING
OS	MOTION SENSOR EXTERIOR	STEINEL	IS 360 60261 (OR EQUAL PERFORMANCE)	CEILING
OS	PHOTOCCELL	DOUGLAS	WPS-3741B (OR EQUAL PERFORMANCE)	CEILING
WV	WIRELESS AREA CONTROLLER	EATON	WAC-120 (OR EQUAL PERFORMANCE)	SURFACE
LC	LIGHTING CONTROL UNIT	DOUGLAS	WLC-4150 (OR EQUAL PERFORMANCE)	CEILING



TIPTON ENGINEERING
 427 LUISA PLACE
 SANTA FE, NM 87505
 KARLT@TIPTONENGINEERING.CO
 WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

REVISIONS		
ISSUED	DATE	DESCRIPTION


DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSISTEMS KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.980.5327
 www.hydrosistemskd.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.dob-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS



SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
 SANTA FE, NEW MEXICO 87507

DRAWN BY DW	DATE April 16, 2021
SHEET TITLE ELECTRICAL GENERAL NOTES, LEGEND & DETAILS	
SHEET NUMBER E0-01	

LOAD DESCRIPTION	CAT #	CB	POLE S	CCT #	PHASE A LOAD	PHASE B LOAD	CCT #	POLE S	CB	CAT #	LOAD DESCRIPTION
LIGHTING POLE LTG.	1	20	1	1	312		2	1	20	2	RECEPTACLES HAND DRYER
LIGHTING BLDG.	1	20	1	3		563	4	1	20	2	RECEPTACLES HAND DRYER
LIGHTING CANOPY	1	20	1	5	90		6	1	20	2	RECEPTACLES HAND DRYER
RECEPTACLES CONCESSION	2	20	1	7		1080	8	1	20	2	RECEPTACLES HAND DRYER
RECEPTACLES RR, IT, JAN.	2	20	1	9	720		10	2	20	3	MECHANICAL DRINKING FOUNTAIN
RECEPTACLES FOOD TRUCK	2	20	1	11		1800	12	2	20	3	MECHANICAL UH1 W
RECEPTACLES FOOD TRUCK	2	20	1	13	1800		14	2	20	3	MECHANICAL UH2 W
RECEPTACLES FOOD TRUCK	2	20	1	15		1560	16	2	20	3	MECHANICAL UH2 M
RECEPTACLES FOOD TRUCK	2	20	1	17	1800		18	2	15	3	MECHANICAL UH2 M
RECEPTACLES FOOD TRUCK	2	30	1	19	1000		20	2	15	3	MECHANICAL BB1 & BB2
RECEPTACLES FOOD TRUCK	2	30	1	21	2400		22	2	30	4	MECHANICAL BB1, BB2 & BB3
RECEPTACLES FOOD TRUCK	2	30	1	23	2250		24	2	30	4	WATER HEATER EX.
RECEPTACLES FOOD TRUCK	2	30	1	25	2400		26	1	30	2	WATER HEATER EX.
RECEPTACLES FOOD TRUCK	2	20	1	27	500		28	20	3	IRG. CONTROL EX.	
RECEPTACLES MOVIE	2	50	2	29	4800		30	20	3	MECHANICAL EXISTING UH	
RECEPTACLES MOVIE	2	50	2	31	1500		32	0			MECHANICAL EXISTING UH
				33			34	20			
				35			36	20			
				37			38	20			
	200	2		39		10580	40	20			
	200	2		41		10580	42	20			
Total VA					36172	37443					

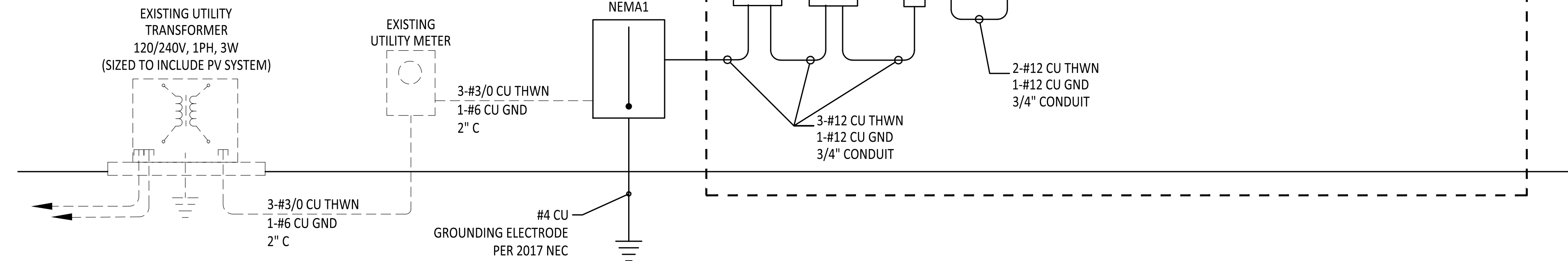
Load Category	Connected	Demd %	Demand
1.) Lighting	995	1.25	1206.25
2.) Receptacles	10000	1	10000
3.) Motor	25750	0.5	12875
4.) Sub - Panels	8120	1	8120
Total	4500	1	4500
		52455	40601.25

Feeder Size	SEE RISER
Connected kVA	52.46
Demand kVA	40.60
Connected Amps	219
Demand Amps	169

FED FROM UTILITY METER
 PER NEC: ALL MULTI WIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH MULTIPOLE CIRCUIT BREAKERS PROVIDE SUBFEED CIRCUIT BREAKER SIZED AS SHOWN FOR ELECTRICAL EQUIPMENT.
 PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECH EQUIPMENT
 PROVIDE SWD TYPE CIRCUIT BREAKERS FOR LIGHTING CIRCUITS
 PROVIDE GFCI TYPE CIRCUIT BREAKERS AS REQ. BY NEC AND AHJ

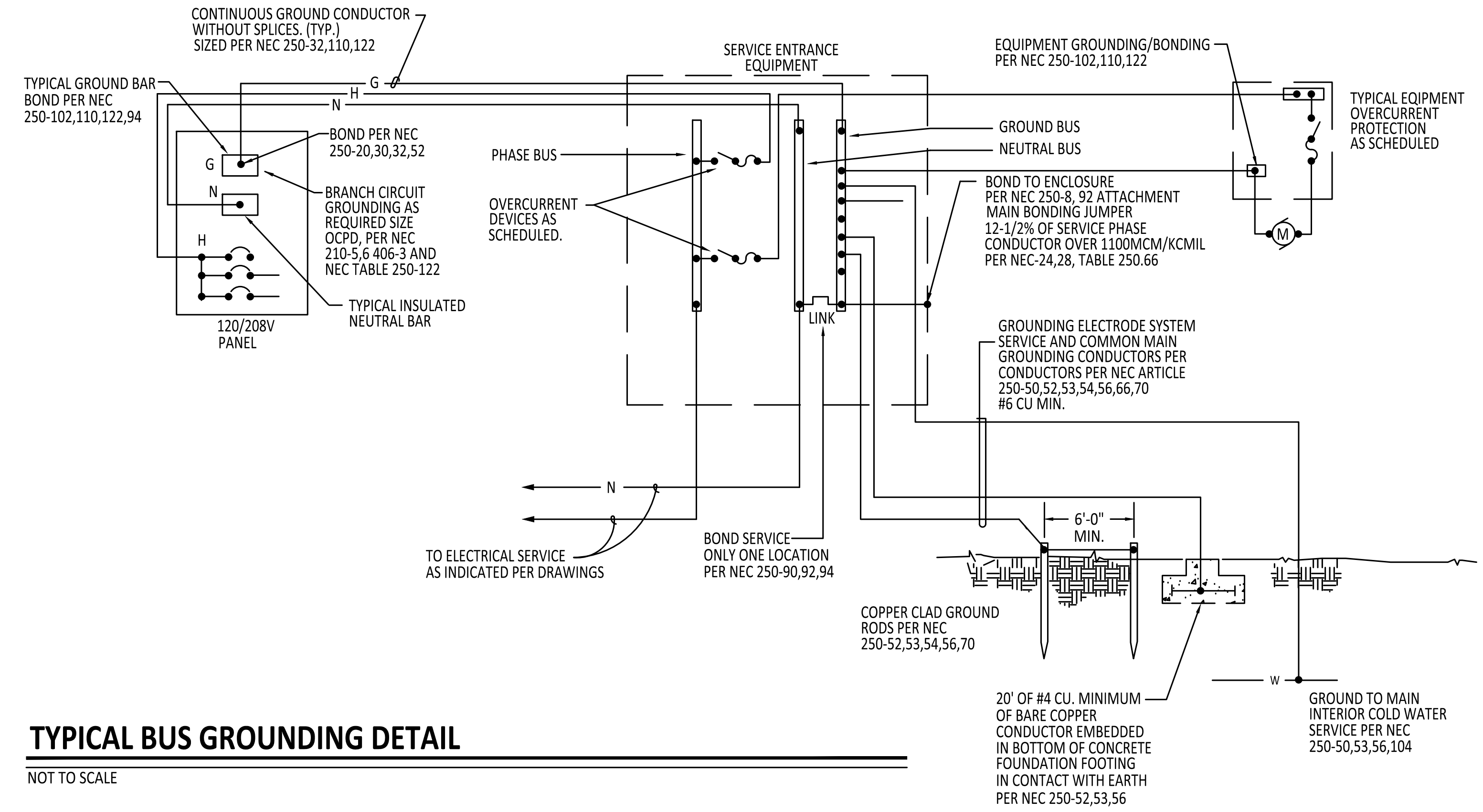
PANEL "A", 120/240V, 1PH., 3W

200AMP, MCB, 42 CIRCUIT, SURFACE MOUNT,
 NEMA 3R ENCLOSURE, TOP/BOTTOM FEED,
 "SQUARE D" MODEL NQ OR EQUAL



ELECTRICAL ONE LINE RISER DIAGRAM - 1 PHASE

SCALE: NOT TO SCALE



TYPICAL BUS GROUNDING DETAIL

NOT TO SCALE

TIPTON ENGINEERING
 427 LUISA PLACE
 SANTA FE, NM 87505
 KARLT@TIPTONENGINEERING.CO
 WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSYSTEMS KDI
 860 Labor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.980.5327
 www.hydrosystemsmdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

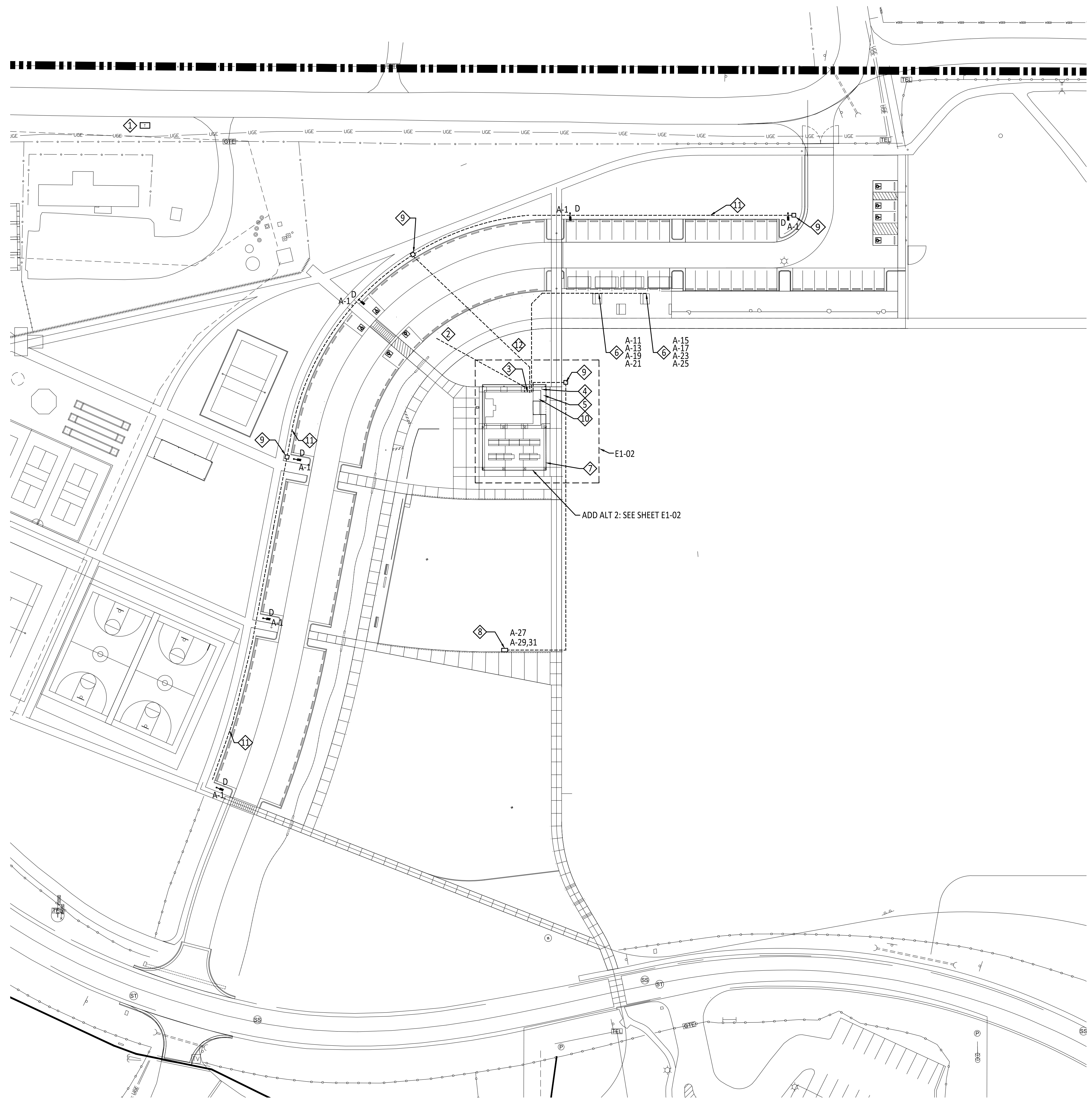
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
 SANTA FE, NEW MEXICO 87507

DRAWN BY: DW DATE: April 16, 2021

SHEET TITLE:
ELECTRICAL SCHEDULES, DIAGRAMS AND DETAILS

SHEET NUMBER:
E0-02



GENERAL SHEET NOTES:

A. SEE SHEETS E0-01 AND E0-02 FOR ADDITIONAL INFORMATION.

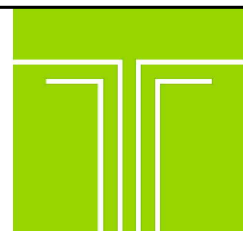
KEYED NOTES:

1. EXISTING TRANSFORMER.
2. PROVIDE CONDUIT FOR FUTURE CAR CHARGING STATIONS. PROVIDE JUNCTION BOX WITH PULL STRING.
3. EXISTING METER TO REMAIN.
4. NEW PANEL LOCATED IN CONCESSION BUILDING ELECTRICAL ROOM.
5. EXISTING TIME CLOCK IN ELECTRICAL ROOM. SITE LIGHTING TO BE TIED TO TIME CLOCK. PROVIDE AND INSTALL NEW TIME CLOCK CONTACTOR BOX.
6. PROVIDE AND INSTALL (2) "EATON" NEMA 3R ENCLOSURES (MODEL # 12126 RHC) WITH HINGE COVER. EACH ENCLOSURE TO INCLUDE (2) 20 AMP AND (2) 30 AMP RECEPTACLES. ENCLOSURES TO BE MOUNTED IN NEW SITE FURNITURE. SEE SHEET E7-01 DETAIL #2 FOR SITE FURNITURE ROUGH-IN DETAIL.
7. NEW SHADE STRUCTURE LIGHTING. SEE SHEET E1-02 FOR LAYOUT AND ADDITIONAL INFORMATION. PAINT EXPOSED CONDUIT TO MATCH SHADE STRUCTURE. COORDINATE EXPOSED CONDUIT PATH WITH ARCHITECT PRIOR TO STARTING WORK.
8. PROVIDE AND INSTALL "HUBBELL" MODEL # MX2050S WITH BACKER BOX AND UNIVERSAL FIT ADAPTER FOR 50 AMP AND 120V DUPLEX GFCI OUTLETS. PROVIDE NEMA 14-50R (50 AMP RECEPTACLE). BACKER BOX AND RECEPTACLES TO BE INSTALLED IN SITE FURNITURE. SEE SHEET E7-01 DETAIL #3 FOR SITE FURNITURE ROUGH-IN DETAIL.
9. NEW IN-GROUND PULL BOX. FIELD COORDINATE FINAL LOCATION OF PULL BOXES WITH LANDSCAPE ARCHITECT. SET TOP OF BOX FLUSH WITH ADJACENT FINISH GRADE.
10. PROVIDE AND INSTALL 4" CONDUIT FROM NEAREST DATA PROVIDER TO UTILITY CLOSET 1. COORDINATE CONDUIT PATH AND PULL BOX LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO STARTING WORK.
11. PROVIDE AND INSTALL 2" CONDUIT AT LOCATIONS SHOWN FOR PARKING LOT LIGHTING.

ADD ALTERNATE #2

ADD ALT 2: SEE SHEET E1-02

ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"



TIPTON ENGINEERING
427 LUISA PLACE
SANTA FE, NM 87505
KARLT@TIPTONENGINEERING.CO
WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
t 505.988.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
t 303.980.5327
www.hydrosystemsmdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t 505.983.1415
www.dbo-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

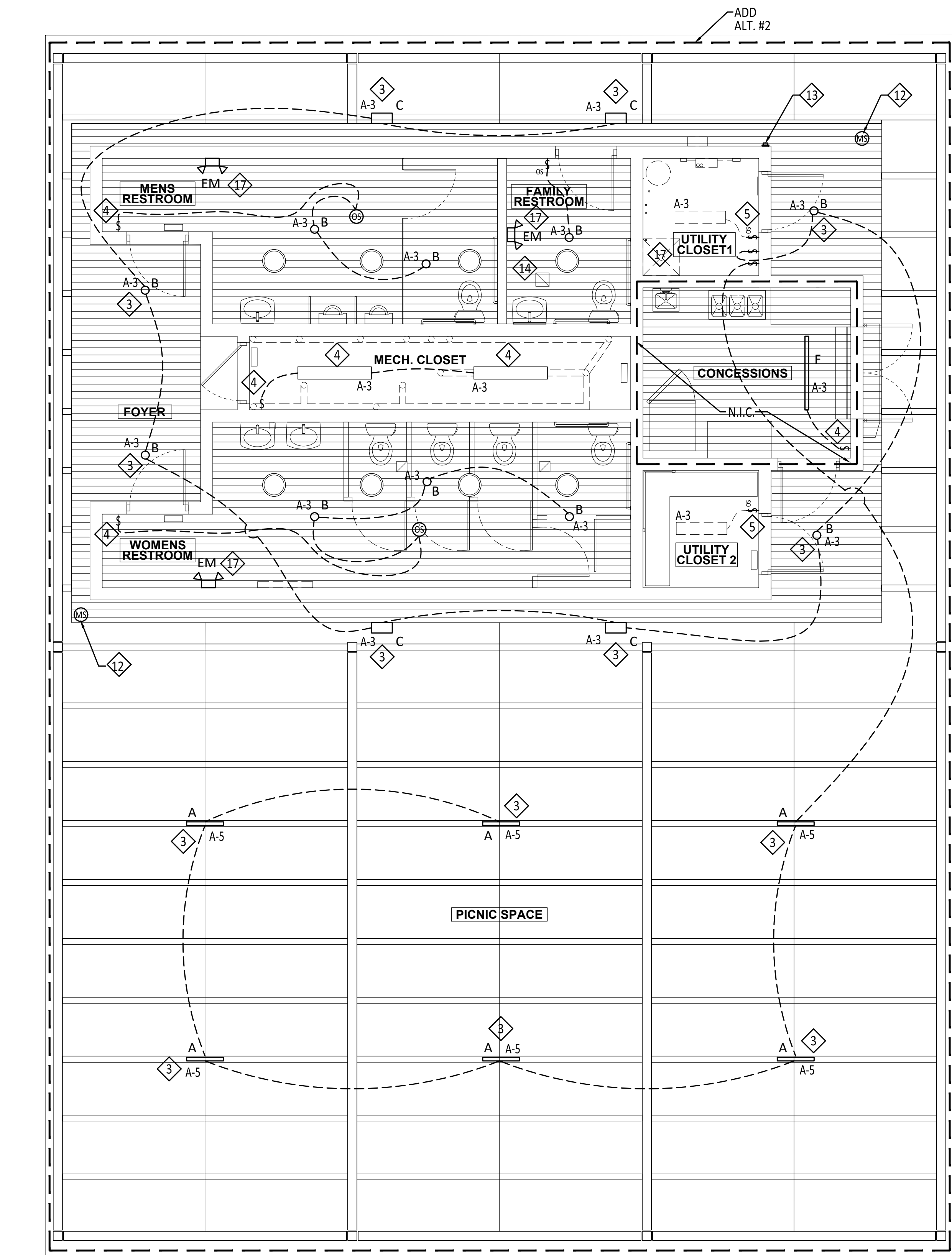
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY: DW DATE: April 16, 2021

SHEET TITLE: **SITE ELECTRICAL LIGHTING AND POWER PLAN**

SHEET NUMBER: **E1-01**



ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES:

- A. SEE SHEET E0-01 FOR SWITCH DEVICE REQUIREMENTS.
- B. COORDINATE EXPOSED CONDUIT PATHWAYS WITH ARCHITECT PRIOR TO STARTING WORK. ALL EXPOSED CONDUIT TO BE PAINTED. COORDINATE COLOR WITH ARCHITECT. REFER TO 1/A1-02 FOR CONDUIT ROUTING.
- C. REUSE EXISTING J-BOXES AND CONDUIT WHERE POSSIBLE.

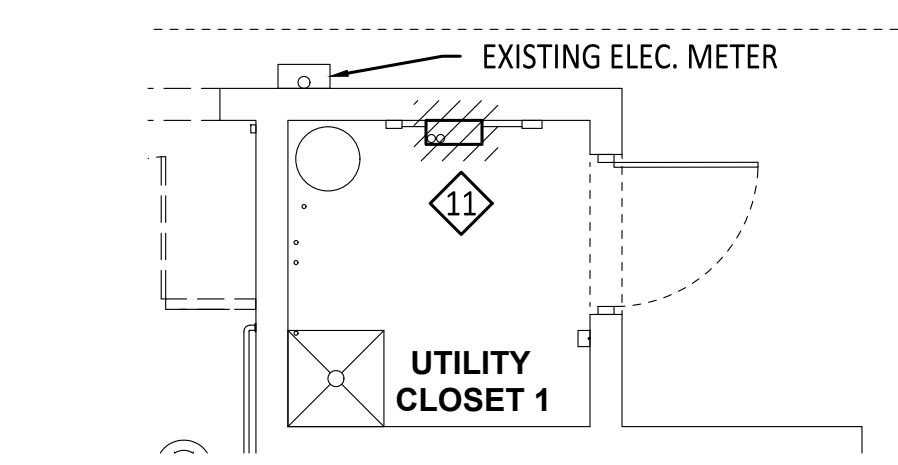
KEYED NOTES:

1. PROVIDE AND INSTALL J-BOX FOR NEW HAND DRYER. REFER TO ARCH SHEETS FOR LOCATE AND HEIGHT.
2. PROVIDE AND INSTALL J-BOX FOR NEW ELECTRIC HEATER.
3. TIE NEW LIGHT FIXTURE TO PHOTOCELL AND LIGHTING PANEL.
4. EXISTING SWITCH / LIGHT TO REMAIN.
5. PROVIDE NEW WALL OCCUPANCY SENSOR SWITCH. TIE TO EXISTING LIGHT.
6. PROVIDE AND INSTALL SOLAR INVERTER. SEE SHEET E6-02 FOR ADDITIONAL INFORMATION.
7. PROVIDE AND INSTALL SOLAR REC METER AND DISCONNECT. FIELD COORDINATE LOCATION WITH ARCHITECT.
8. PROVIDE AND INSTALL NEW HAND DRYER USING EXISTING J-BOX..
9. EXISTING ELECTRIC HEATER TO REMAIN.
10. PROVIDE J-BOX FOR BOTTLE FILLER. REFER TO MANUFACTURE SPECIFICATIONS FOR ROUGH-IN REQUIREMENTS. REFER TO ARCH SHEETS FOR MOUNTING HEIGHTS.
11. REMOVE EXISTING ELECTRICAL PANEL.
12. PROVIDE MOTION DETECTOR IN LOCATION SHOW. INSTALL PER MANUFACTURE REQUIREMENTS AND VERIFY FINAL WITH ARCHITECT IN THE FIELD.
13. PROVIDE PHOTOCELL IN LOCATION SHOW. INSTALL PER MANUFACTURE REQUIREMENTS AND VERIFY FINAL WITH ARCHITECT IN THE FIELD.
14. TIE EXISTING RESTROOM EXHAUST FAN TO LIGHTING CIRCUIT IN FAMILY RESTROOM.
15. PROVIDE AND INSTALL 4" CONDUIT FROM NEAREST DATA PROVIDER TO UTILITY CLOSET 1. COORDINATE CONDUIT PATH AND PULL BOX LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO STARTING WORK.
16. EXISTING IRRIGATION CONTROLS TO REMAIN.
17. CONNECT EMERGENCY AND EXIT LIGHT FIXTURE TO UNSWITCHED POWER CIRCUIT.
18. RECONNECT ANY EXISTING DEVICES IN THIS AREA.

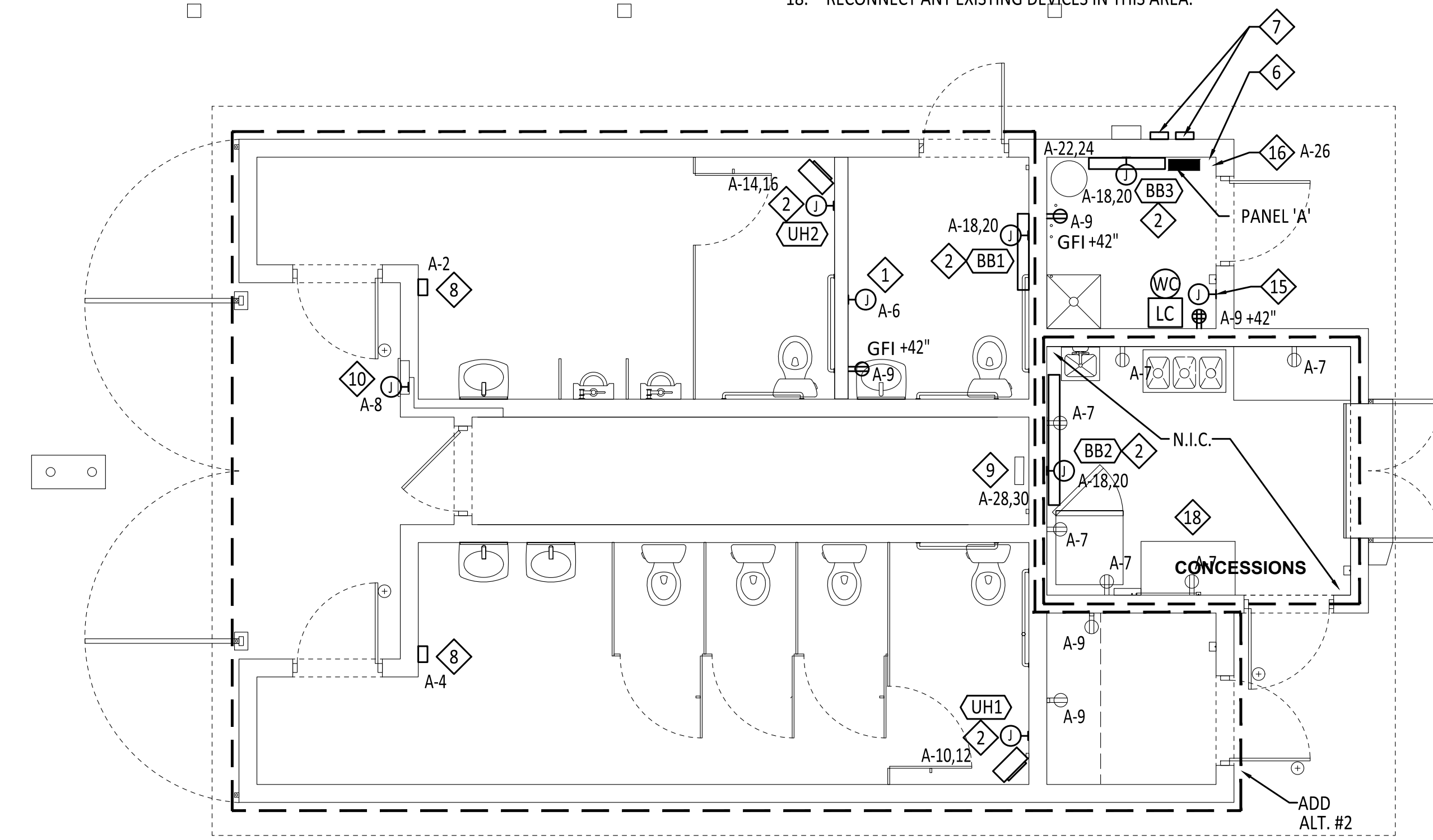
ADD ALTERNATE #2

N.I.C.

ADD ALTERNATE #2



ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



ELECTRICAL POWER AND SPECIAL SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER PO Box 2758 Santa Fe, NM 87504 t 505.989.3557	HYDROSYSTEMS KDI 860 Tabor Street, Suite 200 Lakewood, CO 80401-5954 t 303.980.5327 www.hydrosystemsmdi.com
--	---

design office landscape planning urbanism DESIGN OFFICE 1300 Luisa Street, Suite 24 Santa Fe, NM 87505 t 505.983.1415 www.dbo-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY	DATE
DW	April 16, 2021
SHEET TITLE	
ELECTRICAL LIGHTING, POWER AND SPECIAL SYSTEMS PLANS	
SHEET NUMBER	
E1-02	

TIPTON ENGINEERING

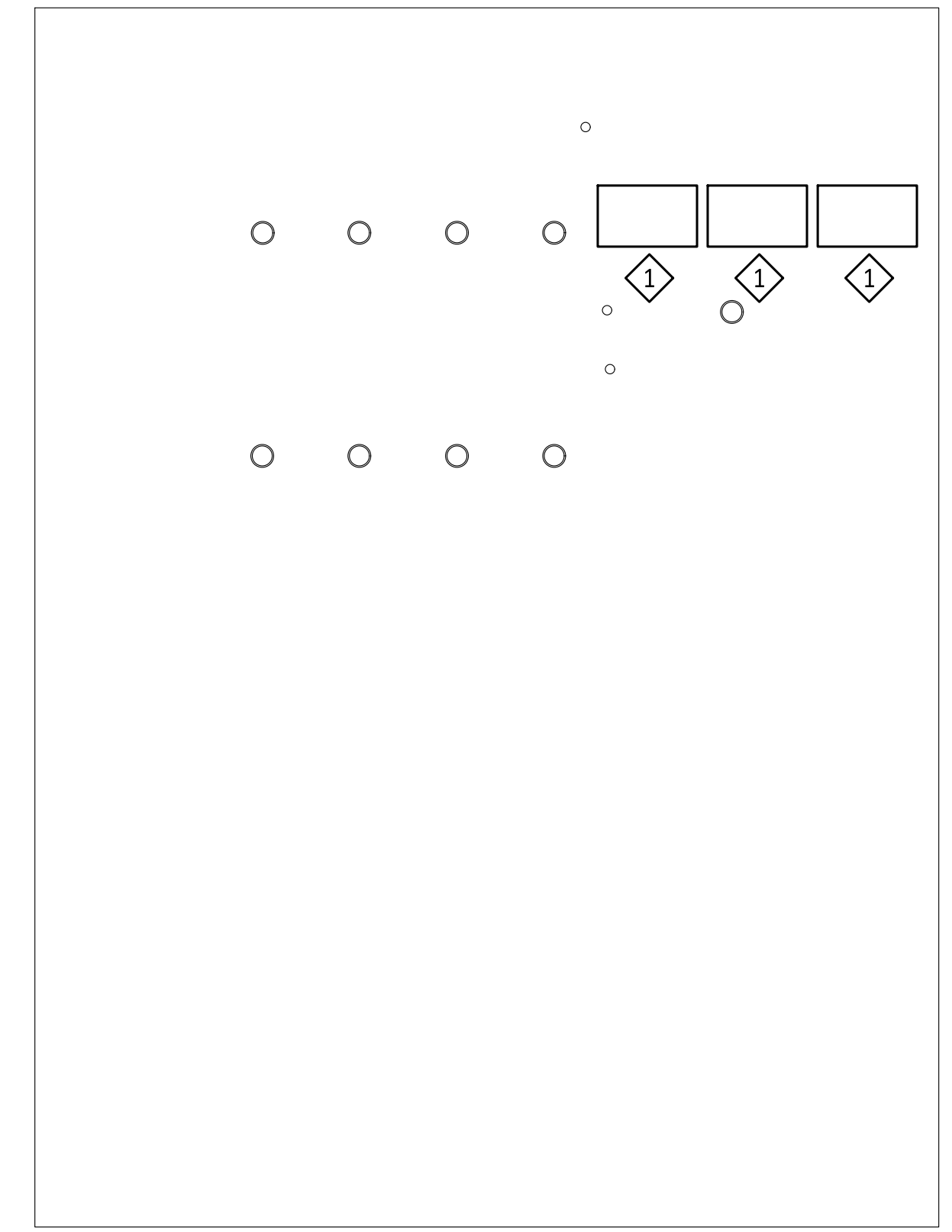
427 LUISA PLACE
SANTA FE, NM 87505
KARLT@TIPTONENGINEERING.CO
WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM

PROJECT #: 19024

KEYED NOTES:

1. PROVIDE AND INSTALL (3) 300 W PANELS ON BALLASTED ROOF RACK. COORDINATE WITH ARCHITECT FOR STRUCTURAL SUPPORT VERIFICATION AS REQ. SEE DETAIL 9/A2-01.
2. COORDINATE ARRAY LOCATION WITH ROOF STRUCTURE AND IN PROXIMITY OF MECHANICAL ROOM.



SOLAR ROOF PLAN (N.I.C.)
SCALE: 1/8" = 1'-0"

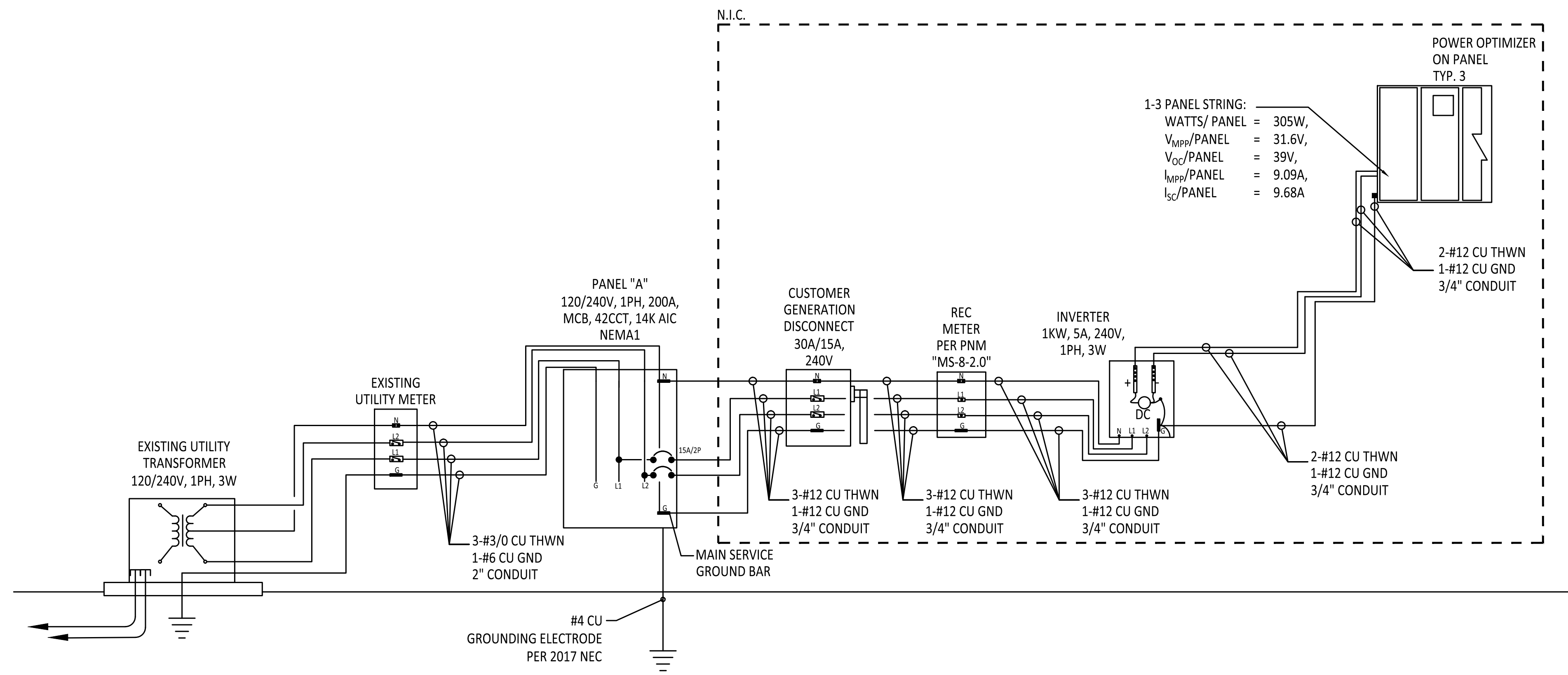
SOLAR SYSTEM DESCRIPTION

TOTAL PANELS	=	3
WATTS PER PANEL	=	305W STC
TOTAL PANEL WATTS	=	915W STC
TOTAL INVERTERS	=	1
WATTS PER INVERTER	=	889W STC
TOTAL INVERTER WATTS	=	889W STC

*PROVIDED WITH INVERTER POWER OPTIMIZER.

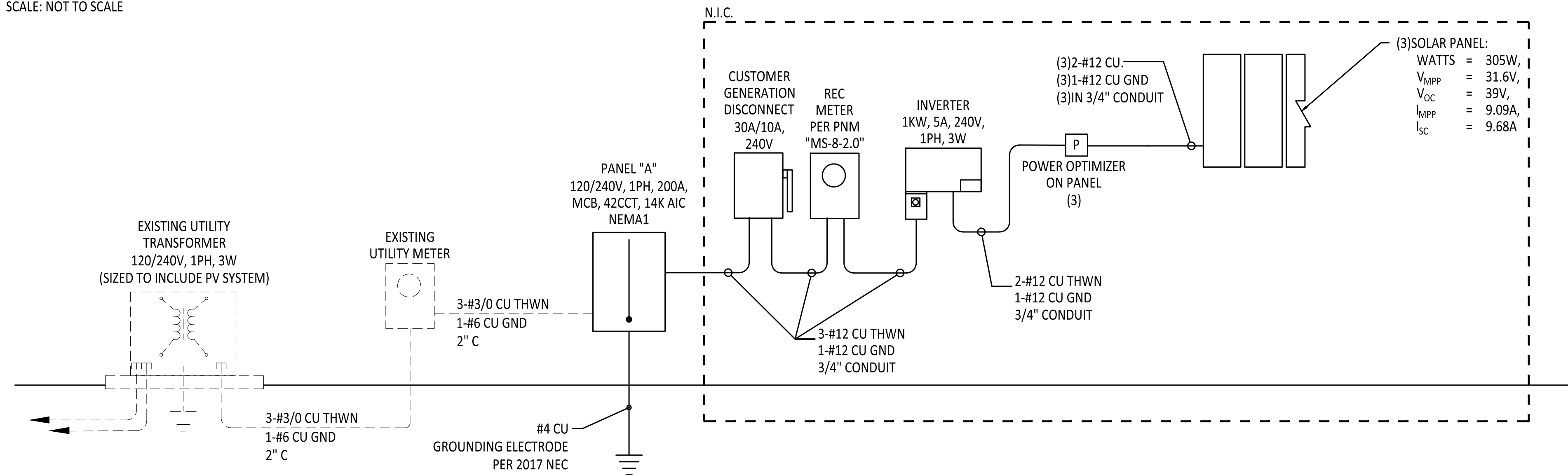
ROMERO PARK SOLAR ARRAY CALCULATIONS

NUMBER OF STRINGS	PANELS PER STRING	TOTAL DC KW PER STRING	TOTAL DC VOLTS PER STRING	TOTAL AC KW PER STRING	TOTAL AC AMPS PER STRING
1	3	0.92	97.5	0.89	3.9



ELECTRICAL THREE LINE RISER DIAGRAM - 1 PHASE

SCALE: NOT TO SCALE



ELECTRICAL ONE LINE RISER DIAGRAM - 1 PHASE

SCALE: NOT TO SCALE

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
 PO Box 2758
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSYSTEMS KDI
 860 Labor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.980.5327
 www.hydrosystemsdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.do-designoffice.com



ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY: DW DATE: April 16, 2021

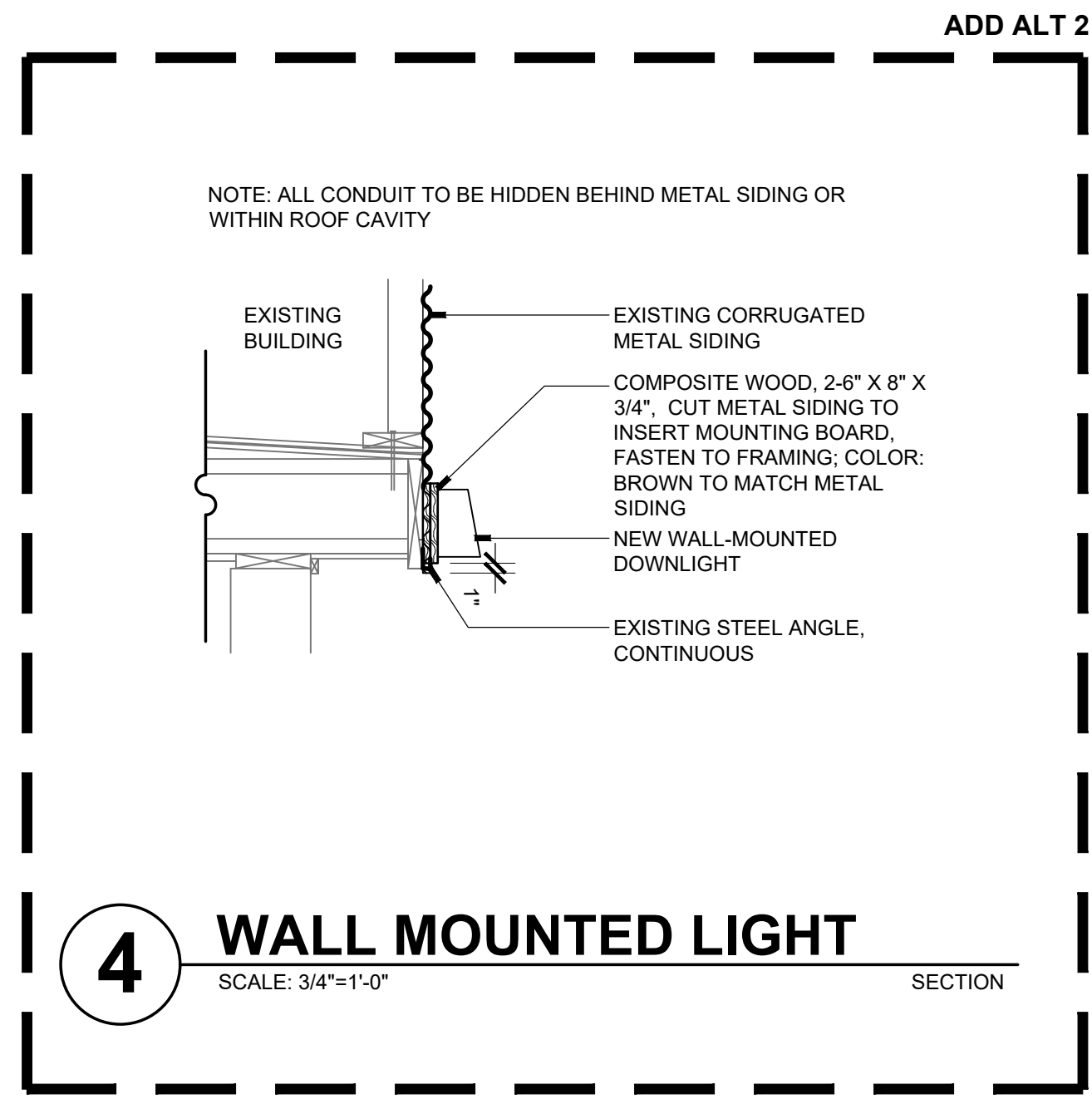
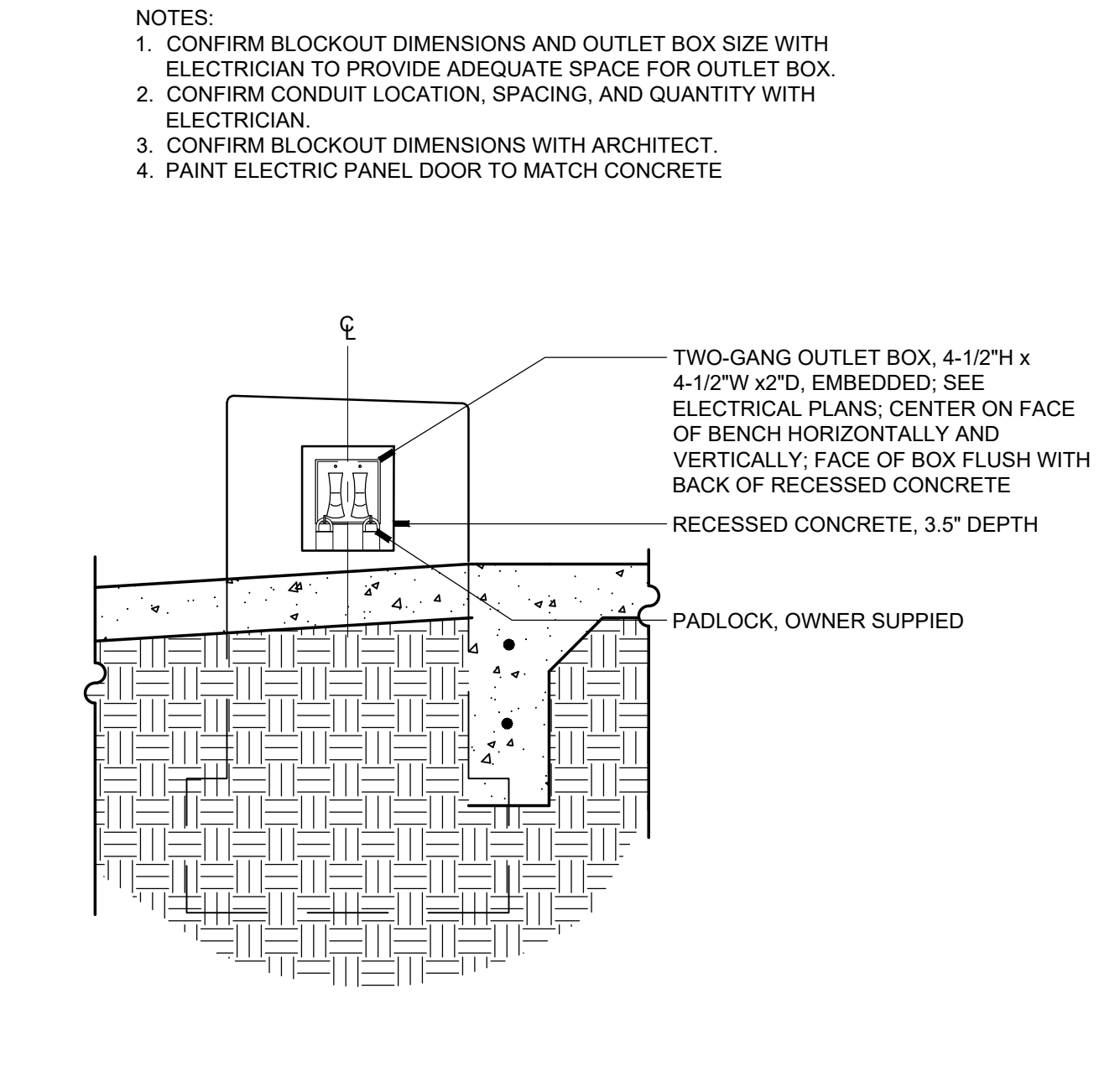
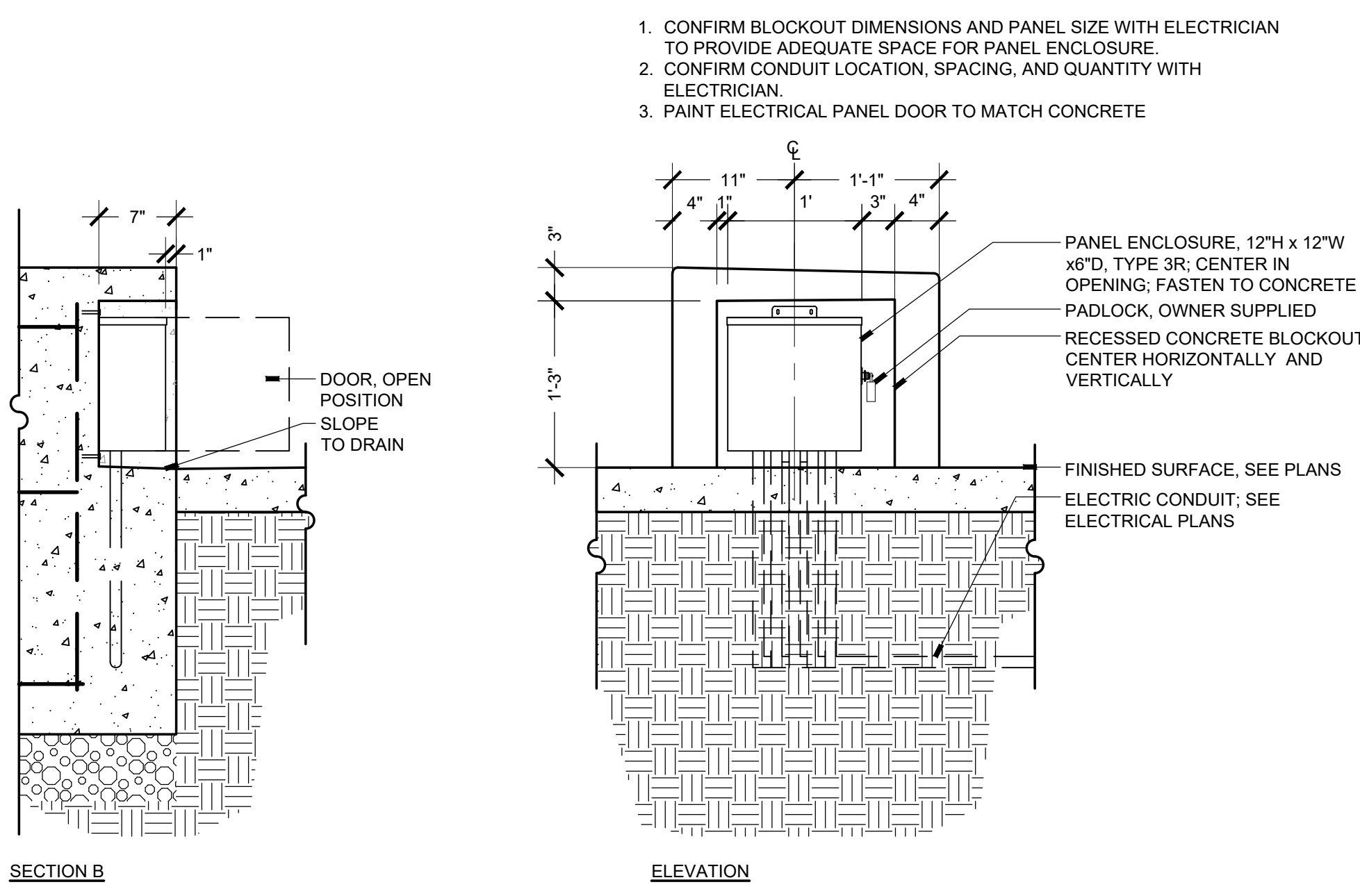
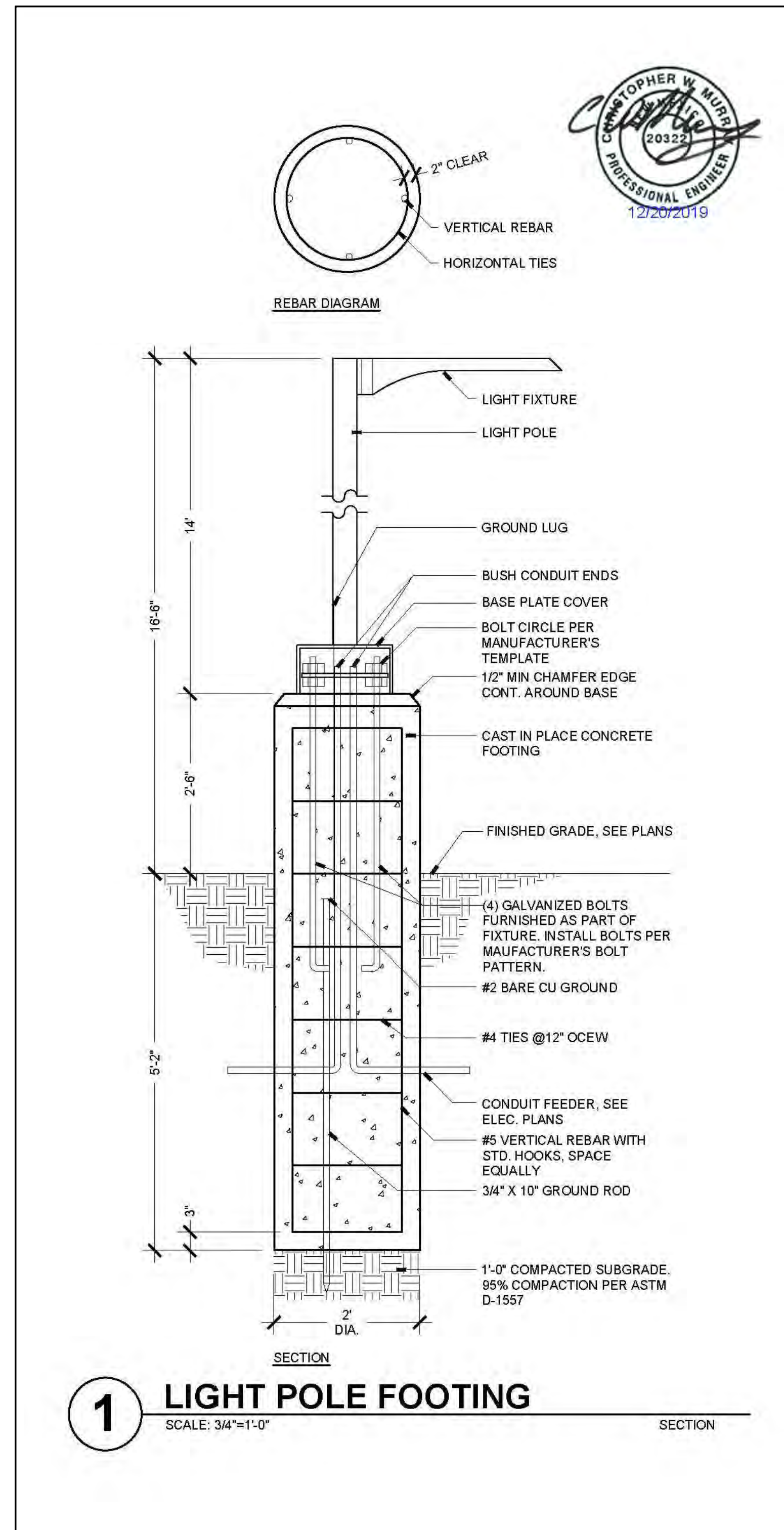
SHEET TITLE: **SOLAR DIAGRAMS AND DETAILS**

SHEET NUMBER: **E6-01**

TIPTON ENGINEERING
 427 LUISA PLACE
 SANTA FE, NM 87505
 KARLT@TIPTONENGINEERING.CO
 WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM

PROJECT #: 19024



1. CONFIRM BLOCKOUT DIMENSIONS AND PANEL SIZE WITH ELECTRICIAN TO PROVIDE ADEQUATE SPACE FOR PANEL ENCLOSURE.
2. CONFIRM CONDUIT LOCATION, SPACING, AND QUANTITY WITH ELECTRICIAN.
3. PAINT ELECTRICAL PANEL DOOR TO MATCH CONCRETE

- NOTES:
1. CONFIRM BLOCKOUT DIMENSIONS AND OUTLET BOX SIZE WITH ELECTRICIAN TO PROVIDE ADEQUATE SPACE FOR OUTLET BOX.
 2. CONFIRM CONDUIT LOCATION, SPACING, AND QUANTITY WITH ELECTRICIAN.
 3. CONFIRM BLOCKOUT DIMENSIONS WITH ARCHITECT.
 4. PAINT ELECTRIC PANEL DOOR TO MATCH CONCRETE

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2768
Santa Fe, NM 87504
t. 505.969.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-9554
t. 303.960.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t. 505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CH	DATE April 16, 2021
SHEET TITLE LIGHTING DETAILS	
SHEET NUMBER E7-01	

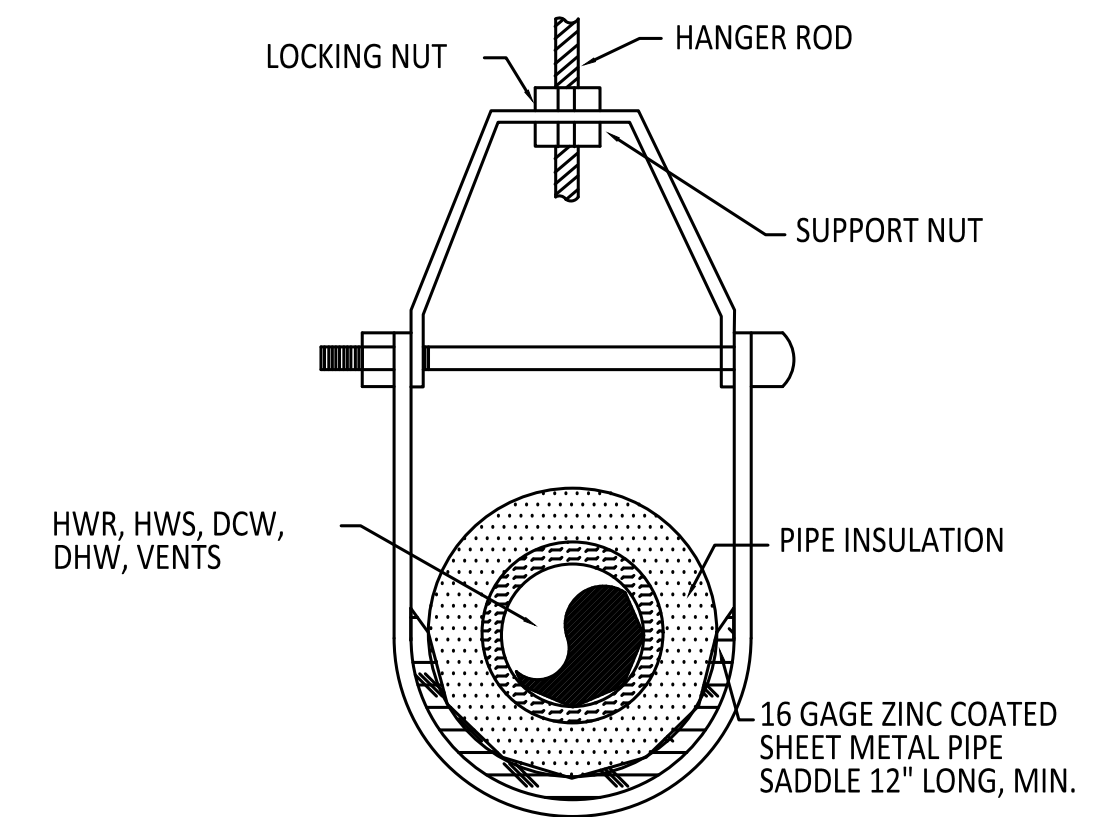
PLUMBING LEGEND			
EQUIPMENT		PIPING	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CLEANOUT TO GRADE (CO)		EXISTING PIPING
	DOUBLE CLEANOUT TO GRADE (DCO)		PIPING TO BE REMOVED
	WALL CLEANOUT (WCO)		SANITARY SEWER PIPING
	VENT THROUGH ROOF (V.T.R.)		VENT PIPING
	FLOOR DRAIN (FD)		DOMESTIC COLD WATER PIPING
	FLOOR SINK (FS)		DOMESTIC HOT WATER PIPING
	TRENCH DRAIN (TD)		DOMESTIC RECIRCULATION PIPING
	AREA DRAIN (AD)		GAS PIPING
	HOSE BIBB (HB)		LOW PRESSURE GAS PIPING
	YARD HYDRANT (YH)		MEDIUM PRESSURE GAS PIPING
	TRAP PRIMER (TP)		LIQUID PETROLEUM GAS PIPING
	ACCESS PANEL (AP)		STORM DRAIN PIPING
	WATER HAMMER ARRESTOR (WHA)		OVER FLOW DRAIN PIPING
	ROOF DRAIN (RD)		ROOF DRAIN PIPING
	WASHER BOX (WB)		CONDENSATE PIPING
	EXPANSION TANK (ET)		COMPRESSED AIR
	SUMP PUMP (SP)		ACID WASTE PIPING
	WATER HEATER (WH)		
	BACKFLOW PREVENTER (BFP)		
	RECIRCULATING PUMP (RP)		
	GAS METER		
FITTINGS		TEXT SYMBOLS	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	UNION		MECHANICAL KEYED NOTES
	ELBOW UP		PIPE LEADER LINE FOR SIZES
	ELBOW DOWN		POINT OF CONNECTION
	TEE UP		POINT OF DISCONNECTION
	TEE DOWN		EQUIPMENT DESIGNATION
	BREAK		REVISION DELTA
	CAP		ARROW INDICATES DIRECTION OF FLOW
VALVES			RISE IN DIRECTION OF FLOW
SYMBOL	DESCRIPTION		DROP IN DIRECTION OF FLOW
	GATE VALVE		
	CHECK VALVE		
	BALL VALVE		
	PRESSURE REDUCING VALVE		
	OUTSIDE STEM AND YOKE		
	BALANCING, GAS COCK OR GAUGE COCK		
	STEAM TRAP		
	VALVE IN RISER		
	AUTO FLOW CONTROL VALVE		

NOTE: THIS SYMBOLS LEGEND IS A GENERAL REPRESENTATION OF DEVICES USED. SOME PROJECTS MAY NOT UTILIZE ALL SYMBOLS REPRESENTED. COORDINATE ALL SYMBOLS FROM PLANS.

GENERAL PROJECT NOTES:

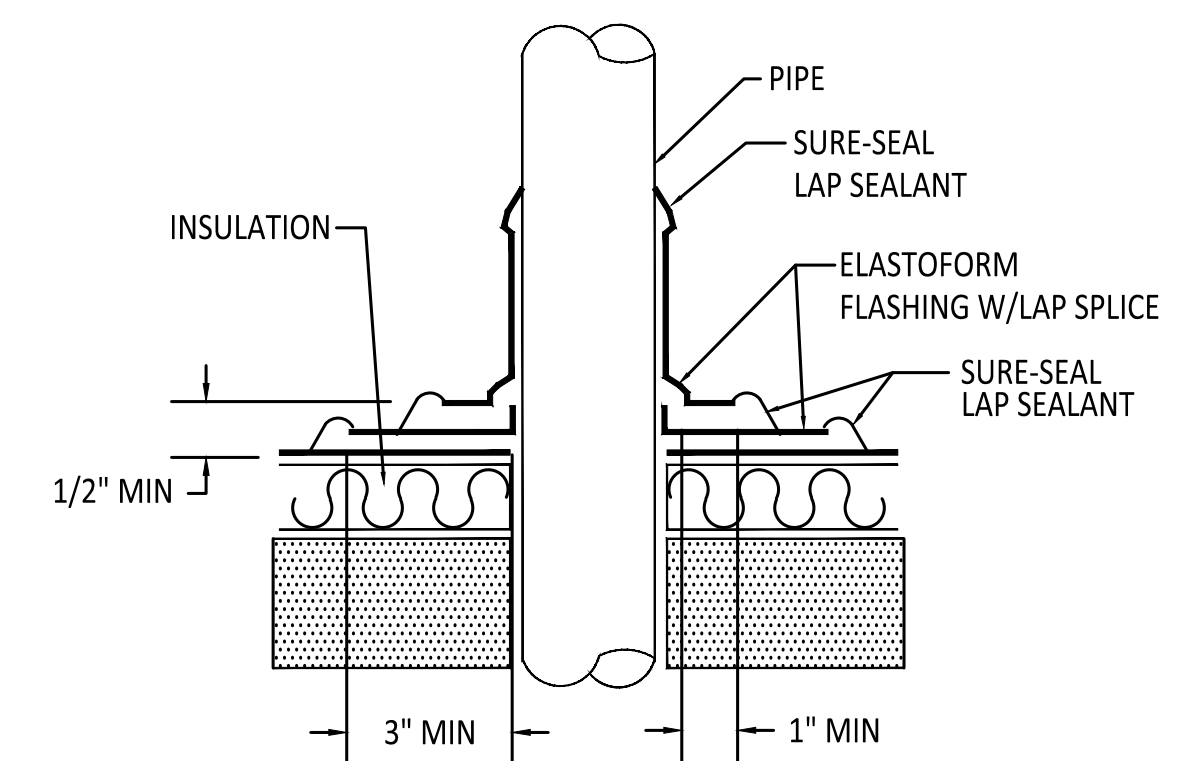
- COMPLETE ALL WORK IN FULL COMPLIANCE WITH THE U.P.C., U.M.C., I.B.C., LIFE SAFETY CODE, N.F.P.A., ADA, AND ALL LOCAL CODES AND ORDINANCES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE LAYOUT AND INSTALLATION OF THE PLUMBING SYSTEMS INCLUDING ALL COORDINATION WITH NEW AND EXISTING SERVICES, MECHANICAL EQUIPMENT, ELECTRICAL EQUIPMENT, CONDUIT, CEILING, AND ANY OTHER EQUIPMENT THAT MAY REQUIRE COORDINATION EFFORTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR COORDINATION OF TEMPORARY CUT-OFF OF WATER, SEWER AND NATURAL GAS WITH OWNER AND FOR ALL NECESSARY TRENCHING, BACKFILLING, CUTTING, PATCHING, REPAIRING, ETC., ASSOCIATED WITH THE INSTALLATION OF THE PLUMBING SYSTEM SHOWN ON THE PLANS AND DESCRIBED IN THE SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE FIXTURES WITH THE LOCAL CODE REQUIREMENTS FOR HANDICAP ACCESSIBILITY.
- VERIFY INVERTS BEFORE ROUTING ANY AND ALL PIPING. NO COMPENSATION WILL BE MADE FOR CONTRACTOR'S FAILURE TO COORDINATE WORK WITH GENERAL CONTRACTOR AND OWNER, AND TO TOTALLY FAMILIARIZE HIMSELF WITH ALL CONSTRAINTS AND LIMITATIONS OF THE WORK REQUIRED.
- WASTE PIPING SHALL BE STANDARD PVC. VENT PIPING SHALL BE PVC.
- ALL WATER PIPING SHALL BE PEXA. PVC CANNOT BE USED FOR DOMESTIC HOT WATER PIPING.
- MINIMUM DEPTH OF BURY:

WATER	48 IN.
SEWER	24 IN.
NAT. GAS	24 IN.
- ROUTE PIPING AS NEARLY AS POSSIBLE TO THE ROUTING INDICATED ON THE PLANS, BUT MAKE MINOR CHANGES IN ROUTING TO ACCOMMODATE THE CONDITIONS AT THE SITE. DO NOT UNDERTAKE MAJOR REROUTING OF PIPING WITHOUT WRITTEN APPROVAL FROM OWNER OR ENGINEER. BE RESPONSIBLE FOR ALL REQUIRED TRANSITIONS, OFFSETS, MINOR RELOCATIONS, AND ALL ASSOCIATED FITTINGS, PIPING, AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATIONAL SYSTEM.
- WHENEVER POSSIBLE, IT IS DESIRABLE TO LAY PARALLEL WATER AND SEWER LINES AT LEAST TEN FEET APART HORIZONTALLY, AND THE WATER LINE SHOULD BE AT A HIGHER ELEVATION THAN THE SEWER LINE. IF THIS IS NOT POSSIBLE, SEPARATE TRENCHES WILL BE REQUIRED IN ALL CASES (THIS SHALL BE EFFECTIVE EVEN THOUGH ONE LINE HAS BEEN INSTALLED PRIOR TO THE OTHER), AND THE WATER LINE SHALL BE AT LEAST TWO FEET ABOVE THE SEWER LINE. WHEN WATER AND SEWER LINES CROSS EACH OTHER, THE WATER SHALL BE AT LEAST THREE FEET ABOVE THE SEWER LINE; OTHERWISE, THE SEWER LINE SHALL BE OF CAST IRON PIPE, OR EQUIVALENT FOR NINE FEET EACH SIDE OF THE WATER LINE.
- INSTALL ISOLATION VALVES AND UNIONS AT ALL BRANCH TAKEOFFS. PROVIDE ACCESS PANELS TO ALL INACCESSIBLE PLUMBING EQUIPMENT TO INCLUDE BUT NOT LIMITED TO VALVES, CONTROL VALVES, ETC.
- ALL PIPING (DOMESTIC HOT WATER, DOMESTIC COLD WATER) IN THE BUILDING SHALL BE INSULATED ACCORDING TO THE NEW MODEL ENERGY CODE.
- PROVIDE WALL CLEANOUTS AT ALL SINKS, LAVATORIES, WATER COOLERS, AND WALL MOUNTED URINALS.
- PROVIDE 12 IN. LONG VERTICAL UPWARD CAPPED AIR RISERS AT EACH FIXTURE FOR BOTH HW & CW CONNECTIONS TO SERVE AS SHOCK ABSORBERS. PROVIDE WATER HAMMER ARRESTOR BEHIND ACCESS PANEL AT ALL GANG FIXTURE LOCATIONS.
- INSTALL CONDENSATE AND OVERFLOW PIPING FROM ALL MECHANICAL EQUIPMENT DRAIN POINTS. EXTEND AND TERMINATE PER UMC/UPC. ALL CONDENSATE AND OVERFLOW PIPING SHALL BE INSULATED PER SPECIFICATIONS FOR APPROPRIATE TEMPERATURE RANGE.
- INSULATE ALL COLD AND HOT WATER SUPPLY TUBING AND P-TRAPS AT EACH LAVATORY WITH "TRAP-WRAP" BY BROCAR PRODUCTS INC. INCLUDE ALL FITTINGS FOR A COMPLETE INSTALLATION.
- ALL CONTRACTORS BIDDING ON THIS PROJECT ARE CAUTIONED TO VISIT THE SITE AND MAKE ALL NECESSARY INQUIRIES TO DETERMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. ANY LINES ENCOUNTERED WHICH MAY INTERFERE WITH NEW CONSTRUCTION SHALL BE RELOCATED IF ACTIVE AND ABANDONED IF INACTIVE BY THIS CONTRACTOR UNDER THIS CONTRACT BY FIRST CONTACTING THE ARCHITECT FOR A RULING AS TO THEIR REMOVAL, RELOCATION, ETC.
- PROVIDE GAS COCKS AND FLEXIBLE CONNECTIONS AT EACH GAS OUTLET FOR APPLIANCES AND WATER HEATER.
- NATURAL GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL ABOVE GRADE AND SHALL BE SCHEDULE 40 BLACK STEEL WRAPPED WITH SCOTCH WRAP OR POLYETHYLENE PIPING WHEN BURIED. PIPING SHALL BE PAINTED WHEN EXPOSED.



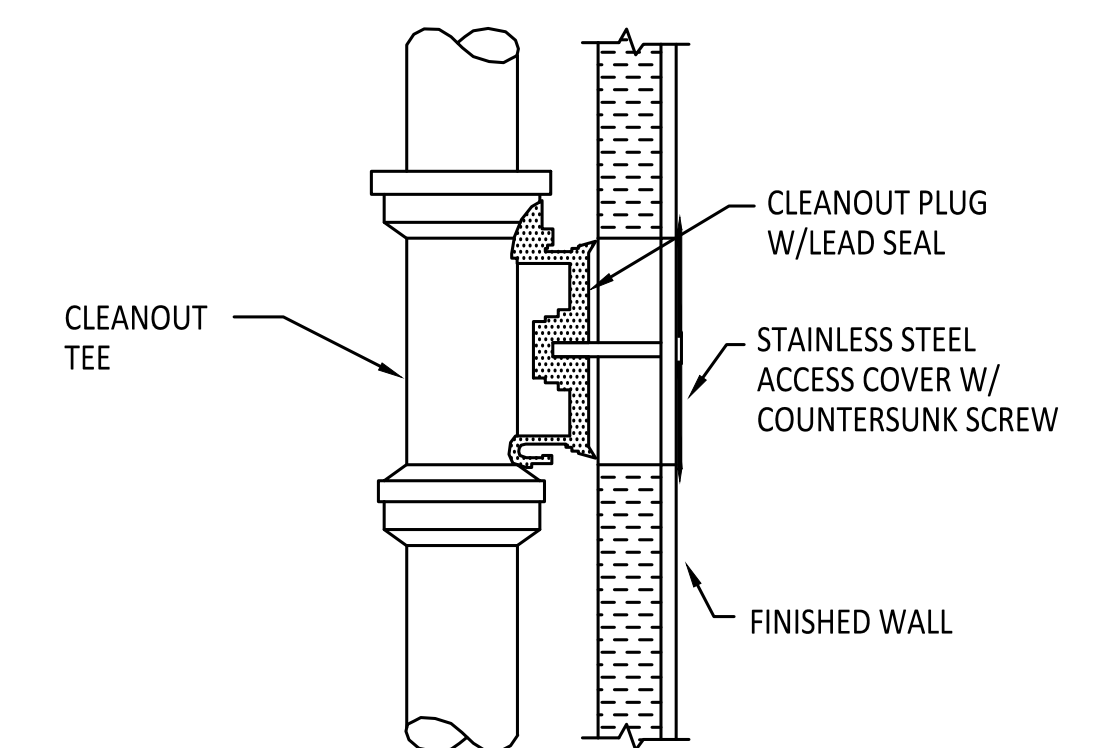
PIPING HANGER DETAIL

N.T.S.



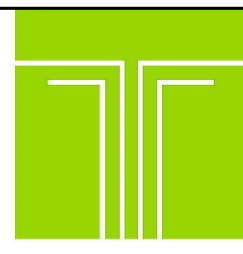
PIPE PENETRATION THRU ROOF

NOT TO SCALE



WALL CLEANOUT DETAIL

N.T.S.



TIPTON ENGINEERING
 427 LUISA PLACE
 SANTA FE, NM 87505
 KARLT@TIPTONENGINEERING.CO
 WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

REVISIONS		
ISSUED	DATE	DESCRIPTION


DESIGN ENGINEER
 PO Box 2756
 Santa Fe, NM 87504
 t 505.989.3557

HYDROSYSTEMS KDI
 860 Tabor Street, Suite 200
 Lakewood, CO 80401-5954
 t 303.980.5327
 www.hydrosystemsdi.com

design office
 landscape planning urbanism

DESIGN OFFICE
 1300 Luisa Street, Suite 24
 Santa Fe, NM 87505
 t 505.983.1415
 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS



SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY	DATE
DW	April 16, 2021
SHEET TITLE	
MECHANICAL / PLUMBING GENERAL NOTES, LEGEND & DETAILS	
SHEET NUMBER	
MP0-01	

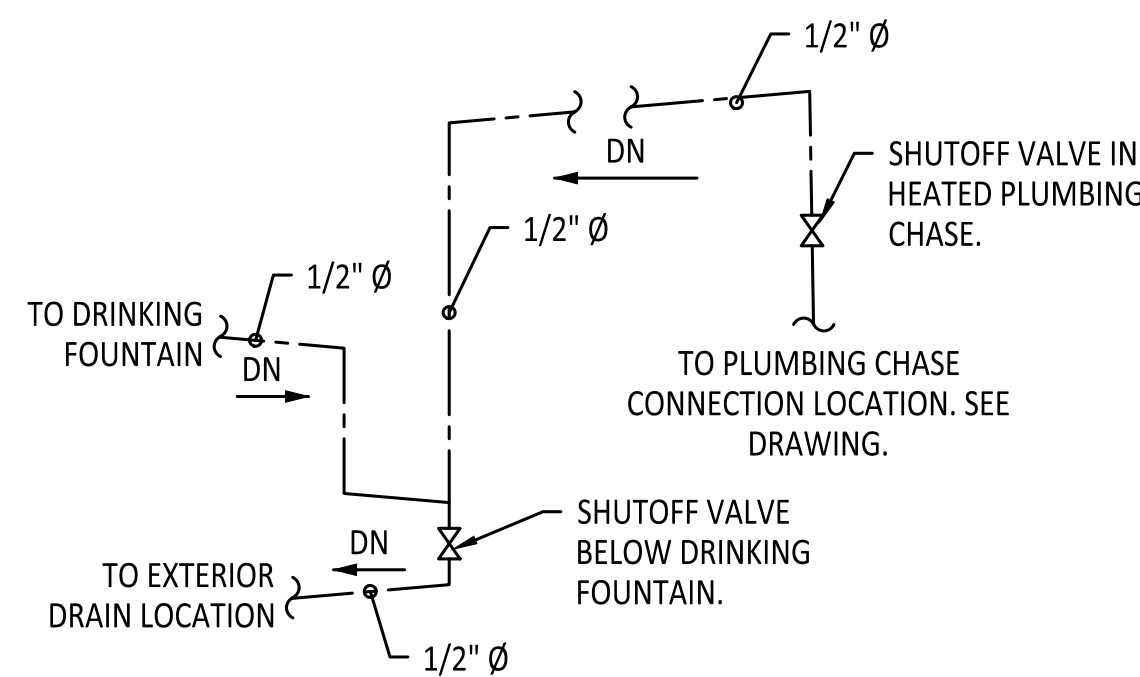
MECHANICAL EQUIPMENT SCHEDULE:

BB1 - 2
WALL MOUNTED ELECTRIC CONVECTOR HEATER: WALL MOUNTED, REMOVABLE FRONT COVER AND THERMAL LIMIT PROTECTION SWITCH. HEATING ELEMENT, DISCONNECT SWITCH AND AUTOMATIC THERMAL CUTOUT. INCLUDE BUILT-IN LINE VOLTAGE 2 STAGE THERMOSTAT, DISCONNECT SWITCH, TRANSFORMER RELAY AND POWER RELAY. PROVIDE MANUFACTURERS STANDARD WARRANTIES AND ALL EQUIPMENT NECESSARY FOR COMPLETE INSTALLATION AND OPERATION.
ELEC: 240V / 1PH / 60HZ
MODEL "Q-MARK" CBD SERIES

SYM	MODEL #	LENGTH	WATTS	AMPS	
BB1	CBD754	34"	750	3.1	ADD ALTERNATE #2
BB2	CBD1254	58"	1250	5.2	NIC
BB3	CBD754	34"	750	3.1	BASE BID

UH1 - 2
UNIT HEATER: ELECTRIC HEAVY DUTY, PROPELLER TYPE, 2.5 KW INPUT, 270 CFM AND MINIMUM 16 FOOT THROW. COMPLETE WITH HIGH LIMIT CUTOUT WITH RESET, ELECTRIC CONNECTIONS, AND ALL OTHER EQUIPMENT NECESSARY FOR COMPLETE OPERATION. INCLUDE HEATING ONLY THERMOSTAT.
ELEC: 240V/1PH/60HZ
"QMARK" MODEL MWUH SERIES

SYM	MODEL #	WATTS	AMPS
UH1	MWU5004	2500	13
UH2	MWU5004	2500	13



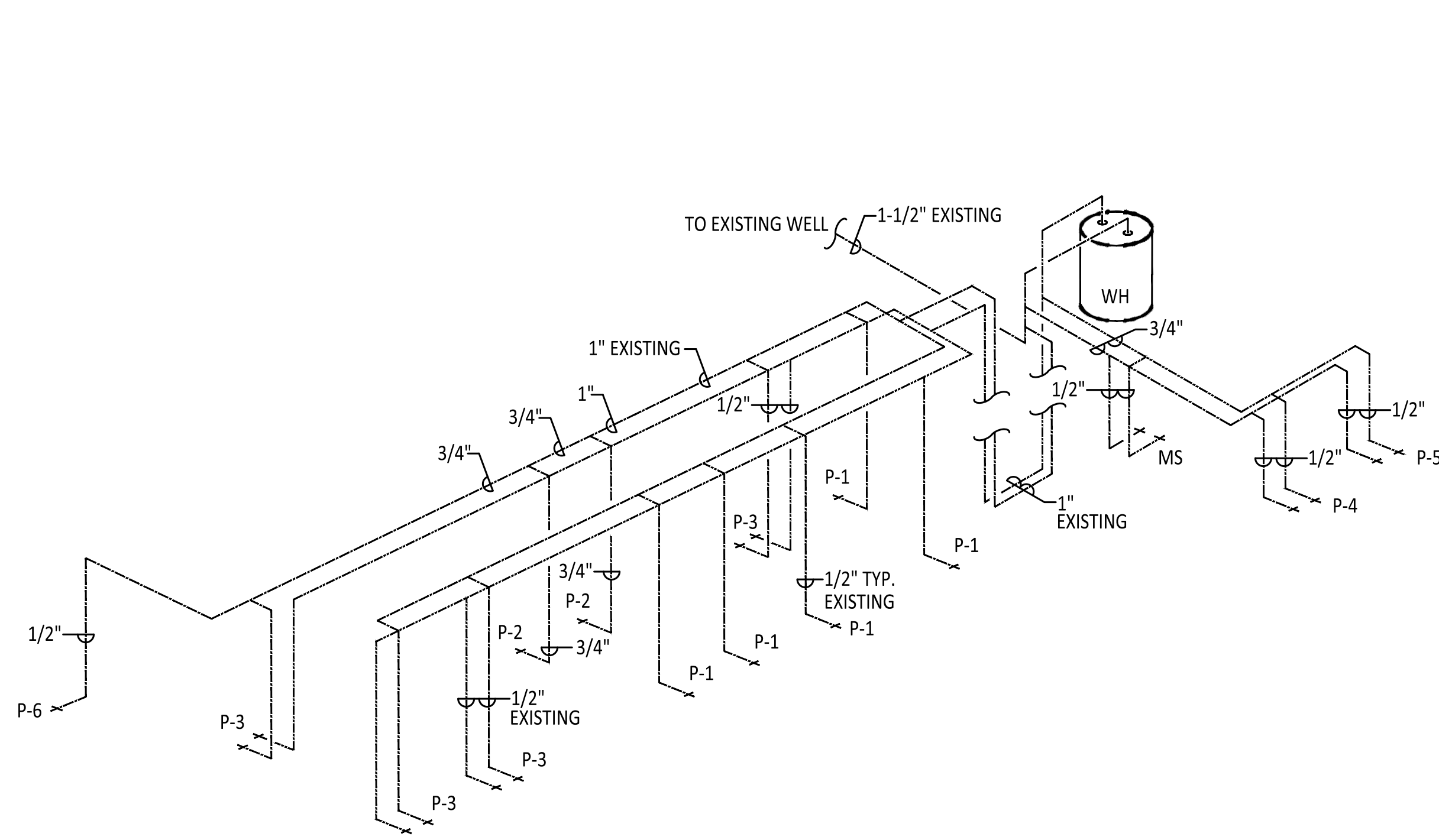
NOTE: SLOPE ALL DRINKING FOUNTAIN DOMESTIC WATER SUPPLY PIPING FROM HIGH POINT IN PLUMBING CHASE TO DRAIN LOCATION. MIN. SLOPE TO BE 1/8" PER FOOT IN DIRECTION SHOWN.

DRAIN DOWN CONNECTION DETAIL

SCALE: N.T.S.

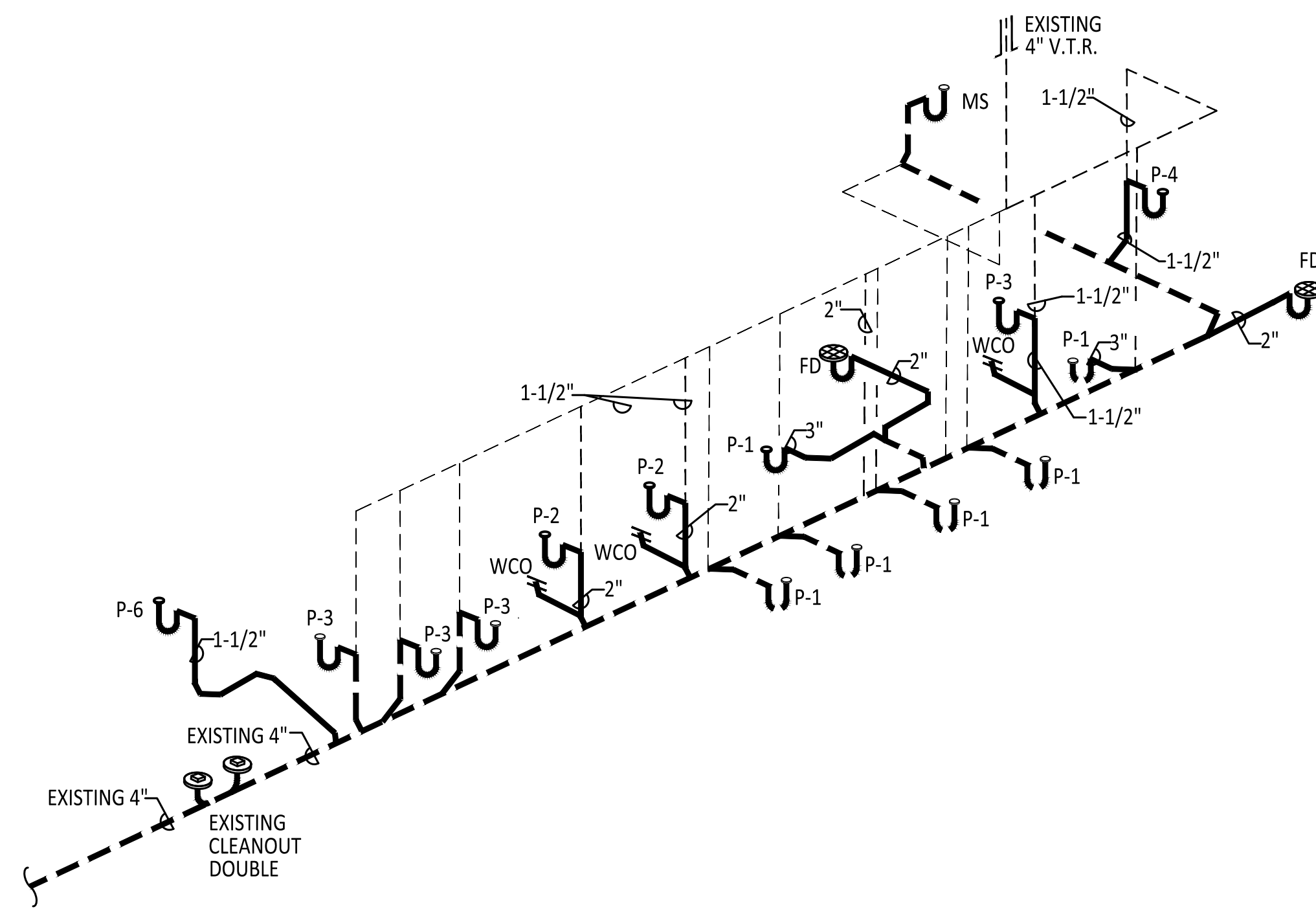
PLUMBING EQUIPMENT SCHEDULE:

SYMBOL	DESCRIPTION	REMARKS
P-1	WATER CLOSET - EXISTING TO REMAIN, OR RELOCATED (1). WASTE = 3 IN., VENT = 2 IN., CW = 1/2 IN.	FD FLOOR DRAIN: CAST IRON, MEDIUM DEPTH SUMP FLOOR DRAIN WITH FLANGE, INTEGRAL CLAMPING COLLAR, AND LOOSE SET DUCTILE IRON TRACTOR GRATE, "SURE SEAL" MODEL NO. SS2009L, AND SEDIMENT BUCKET. NO TRAP. SEE PLANS FOR SIZES. "WADE" NO. W-1210-12-13-27 WASTE = (SEE PLANS)
P-2	URINAL - EXISTING RELOCATED. PROVIDE CONCEALED "ZURN" Z6195AV-ULF, .125 GPF LOW CONSUMPTION. WASTE = 2 IN., VENT = 1-1/2 IN., CW = 3/4 IN.	1 FS FLOOR SINK: CAST IRON BODY FLOOR SINK WITH FULL 12 IN. X 12 IN. SLOTTED MEDIUM DUTY GRATE, 8 IN. DEEP SUMP, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, ALUMINUM ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER, AND "SURE SEAL" MODEL NO. SS2009L. PROVIDE ALL NECESSARY ITEMS FOR COMPLETE INSTALLATION AND OPERATION. SEE PLANS FOR SIZES. "ZURN" NO. Z-1901-P WASTE = (SEE PLANS); VENT = 1-1/2 IN.
P-3	LAVATORY - EXISTING RELOCATED. PROVIDE FAUCET: "ZURN" NO. Z86100-XL-CP4 WASTE = 1-1/2 IN., VENT = 1-1/2 IN., CW & HW = 1/2 IN.	1 FCO FINISH FLOOR CLEANOUT: CAST IRON CLEANOUT WITH THREADED ADJUSTABLE HOUSING, SV HUB OUTLET, FLANGED FERRULE WITH PLUG ROUND SCORAIATED CAST IRON, SATIN BRONZE TRACTOR TOP. SEE PLANS FOR SIZES. "ZURN" NO. Z-1400-VP WASTE = (SEE PLAN)
P-4	HAND SINK, HANDICAPPED: STAINLESS STEEL SINGLE COMPARTMENT, WALL MOUNT, CONSTRUCTED OF 20 GAUGE TYPE 304 STAINLESS STEEL WITH PROVIDED GOOSENECK ADA FAUCET, INSULATED P-TRAP AND HOT WATER LINE, WALL BRACKETS, WALL CARRIER, AND WALL STOPS. WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. DIMENSIONS: 15 -1/4 IN. X 17-1/4 IN. X 5-1/2 IN. DEEP WITH 1-1/2 IN. CENTERED DRAIN OPENING. FAUCET AND FITTINGS. PROVIDE WITH STAINLESS STEEL BASKET STRAINER WITH 1-1/2 IN. O.D. TAILPIECE, AND ALL ACCESSORIES FOR A COMPLETE INSTALLATION. INSTALL PER ADA REQUIREMENTS. "REGENCY" NO. 600HS17WBK WASTE = 2 IN., VENT = 1-1/2 IN., CW & HW = 1/2 IN.	WCO WALL CLEANOUT: BRASS PLUG WITH ROUND STAINLESS STEEL SECURED ACCESS COVER AND VANDAL PROOF SCREW. "ZURN" NO. Z-1468-VP WASTE = (SEE PLANS)
P-5	KITCHEN SINK: NSF CERTIFIED THREE COMPARTMENT, 16 GAUGE TYPE 304 STAINLESS STEEL SUPPORTED ON (4) LK-251 STAINLESS STEEL TUBULAR LEGS WITH LEFT AND RIGHT DRAIN BOARDS. TWO FAUCET HOLES ON 8 IN. CENTERS OVER EACH PARTITION AND 3-1/2 IN. CENTERED DRAIN OUTLETS. DIMENSIONS: 50 IN. LONG X 20-1/2 IN. WIDE X 16-1/2 IN. DEEP. FAUCET: (2) "ELKAY" NO. LK-67-C WALL MOUNT WITH 8 IN. CENTERS, 13" D.J. SWING SPOUT. FITTINGS: (3) LK-24-RT 3-1/2" STAINLESS STEEL STRAINER, 1-1/2" TAILPIECE WITH LEVER HANDLE, LK-60 1-1/2" WASTE CONNECTION, OVERFLOW FOR EACH SINK, WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. PROVIDE ALL ACCESSORIES FOR COMPLETE INSTALLATION. "ADVANCE TABCO" NO. FC-3-1515 WASTE = 1-1/2 IN., CW & HW =	WHA WATER HAMMER ARRESTOR: WATER HAMMER ARRESTOR WITH NESTING TYPE BELLOWS CONTAINED WITHIN CASING HAVING SUFFICIENT DISPLACEMENT VOLUME TO DISSIPATE THE CALCULATED KINETIC ENERGY GENERATED IN THE PIPING SYSTEM. BOTH CASING AND BELLOWS ARE CONSTRUCTED OF 18-8 STAINLESS STEEL. SIZE AND LOCATE IN ACCESSIBLE LOCATION PER MANUFACTURER'S GUIDELINES. "ZURN" NO. Z-1700, SIZE: BY CONTRACTOR, PER FIXTURE UNIT COUNT
P-6	BOTTLE FILLER, ACCESSIBLE: BARRIER-FREE, WALL-MOUNTED / RECESSED, OUTDOOR, ONE PIECE STAINLESS STEEL FOUNTAIN WITH SATIN FINISH, COMPLETE WITH WALL STOPS, AND ALL ITEMS NECESSARY FOR COMPLETE OPERATION. WALL STOPS SHALL HAVE THREADED INLET AND COMPRESSION OUTLET CONNECTIONS. INSTALL PER ADA REQUIREMENTS. "MURDOCK" MODEL M-0BR4-FRA1 WASTE = 2 IN., VENT = 1-1/2 IN., CW = 1/2 IN.	AP ACCESS PANEL: PROVIDE AND INSTALL CEILING OR WALL MOUNTED ACCESS PANEL FOR WALL OR CEILING TYPE SPECIFIED, WHERE REQUIRED FOR ACCESS TO VALVES AND WATER HAMMER ARRESTORS IN PLUMBING WALLS OR ABOVE HARD CEILINGS. PROVIDE WITH KEY OPERATED CAM LATCH. SIZE: 12 IN. X 12 IN. PROVIDE TWO (2) SETS OF KEYS TO OWNER. "ACUDOR"
LD	LEAK DETECTOR: SMART WATER MONITORING AND LEAK DETECTION SYSTEM. "MOEN - FLO" MODEL 900-002 CW = 1-1/2 IN.	GI GREASE INTERCEPTOR: ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL GREASE INTERCEPTOR. ACID RESISTANT COATED INTERIOR AND EXTERIOR FABRICATED STEEL GREASE INTERCEPTOR, PDI, RATED AT 25 GPM AND 50 LBS. GREASE CAPACITY, WITH INTERNAL AIR RELIEF BY-PASS. BRONZE CLEANOUT PLUG, REMOVABLE PRESSURE EQUALIZING/FLOW DIFFUSING INLET BAFFLE, FIXED BOTTOM OUTLET BAFFLE, AND VISIBLE DOUBLE WALL TRAP SEAL. GASKETED NON-SKID SECURED COVER COMPLETE WITH CENTER TIE DOWN ASSEMBLY, WITH Z1108 FLOW CONTROL FITTING. REGULARLY FURNISHED WITH A HIGH INLET AND OUTLET CONNECTION. PROVIDE ALL COMPONENTS NECESSARY FOR COMPLETE OPERATION. FLOW RATE = 25GPM, GREASE CAPACITY = 50 LBS. "ZURN" Z11



DOMESTIC WATER RISER DIAGRAM

SCALE: N.T.S.



WASTE AND VENT RISER DIAGRAM

SCALE: N.T.S.

TIPTON ENGINEERING
427 LUISA PLACE
SANTA FE, NM 87505
KARLT@TIPTONENGINEERING.CO
WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
t 505.989.3557

HYDROSYSTEMS KDI
860 Tabor Street, Suite 200
Lakewood, CO 80401-5954
t 303.980.5327
www.hydrosystemsdi.com

design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t 505.983.1415
www.dob-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

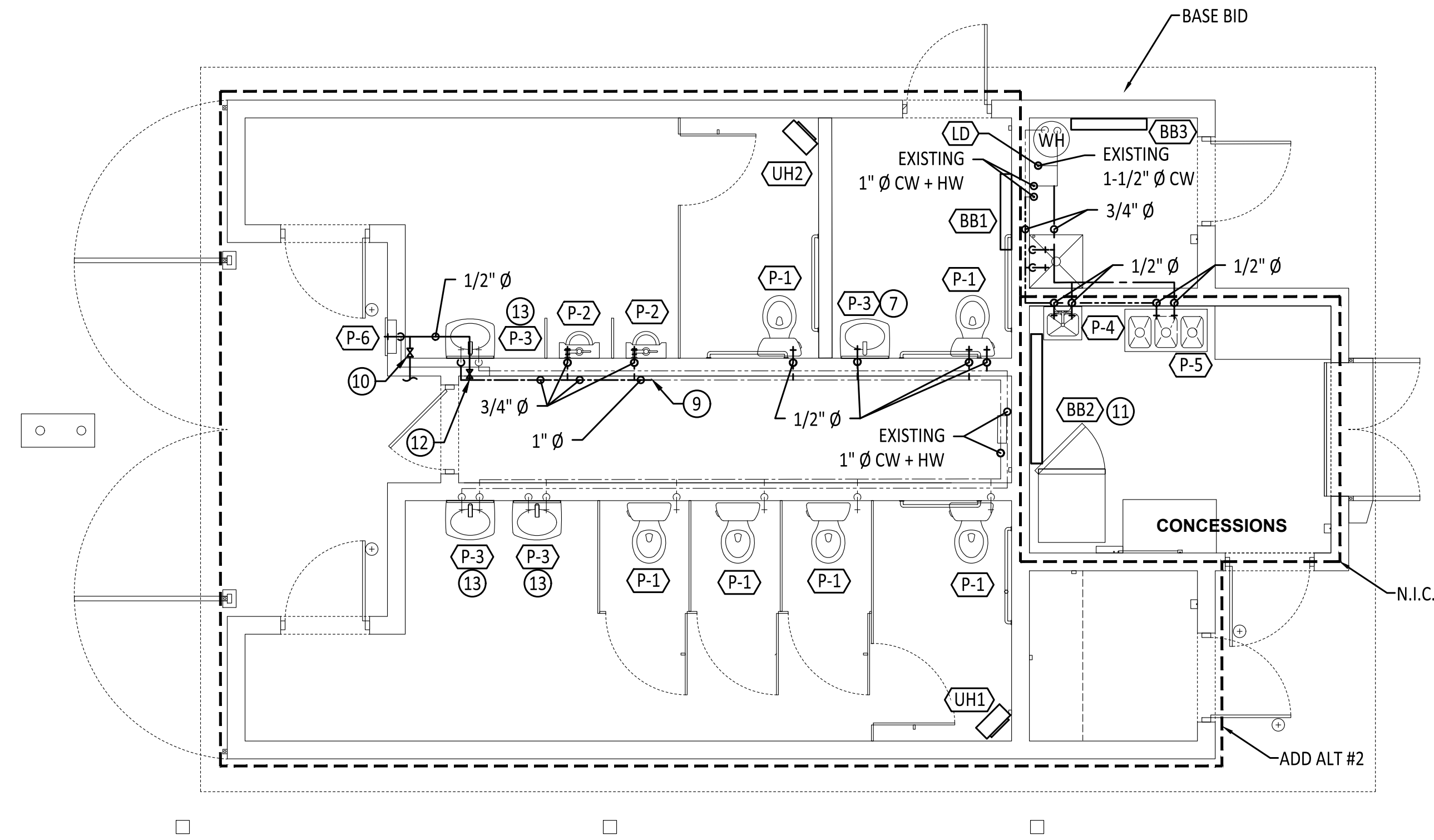
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

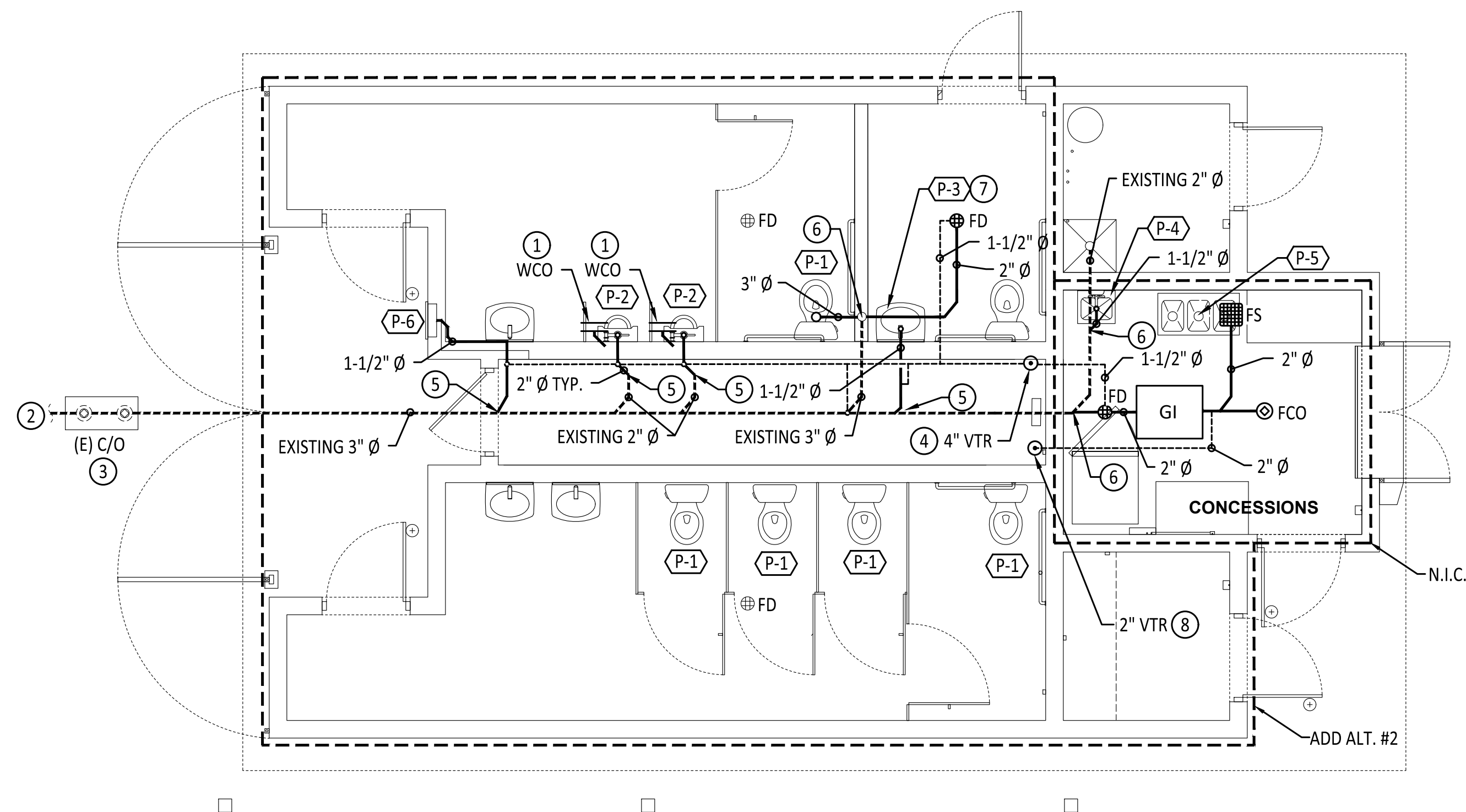
DRAWN BY: DW DATE: April 16, 2021

SHEET TITLE: MECHANICAL / PLUMBING DIAGRAMS & SCHEDULES

SHEET NUMBER: **MP0-02**



PLUMBING DOMESTIC WATER PLAN
SCALE: 1/4" = 1'-0"



PLUMBING WASTE AND VENT PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES:

- A. COORDINATE WASTE INVERT AT SERVICE ENTRY POINT WITH CIVIL AND STRUCTURAL ENGINEER PRIOR TO INSTALL.
- B. ROUTE ALL HORIZONTAL VENT PIPING ABOVE CEILING ONLY OR EXPOSED IN MECH CLOSET.
- C. PROVIDE UPC APPROVED TRAP SEAL DEVICE ON AT FLOOR SINK WASTE CONNECTIONS.
- D. FIELD VERIFY EXISTING LOCATION OF WASTE LINE AND DOMESTIC WATER PIPING PRIOR TO BEGINNING WORK. SEE NEW WORK FOR NEW PIPING REQUIREMENTS.
- E. EXISTING SANITARY SEWER PIPING SHOWN FOR REFERENCE ONLY. FIELD VERIFY LOCATION PRIOR TO INSTALL. SEE NEW WORK FOR POINTS OF CONNECTION TO EXISTING.

KEYED NOTES:

- 1. INSTALL WALL CLEANOUT ABOVE FINISHED FLOOR AT UPC MINIMUM HEIGHT.
- 2. SEE CIVIL PLANS FOR CONTINUATION OF SANITARY SEWER PIPING.
- 3. EXISTING DOUBLE CLEANOUT.
- 4. EXISTING VENT PIPE UP THROUGH ROOF TO REMAIN.
- 5. CONNECT TO EXISTING BUILDING WASTE LINE ABOVE SLAB. FIELD VERIFY LOCATION.
- 6. CONNECT TO EXISTING BUILDING WASTE LINE BELOW SLAB. FIELD VERIFY LOCATION.
- 7. INSTALL SALVAGED SINK FROM MENS ROOM.
- 8. PROVIDE AND INSTALL SEPARATE 2" VTR FOR GREASE WASTE LINE.
- 9. START NEW 1" DOMESTIC CW BEFORE FIRST URINAL.
- 10. PROVIDE FREEZE PROTECTION DRAIN DOWN CONNECTION PER DETAIL ON SHEET MP0-02. REMOVE HANDLE OF SHUTOFF VALVE IN MEN'S RESTROOM AND PROVIDE TO OWNER FOR LOCKUP IN MOP SINK CLOSET.
- 11. MOUNT BASEBOARD HEATER HIGH ON WALL. FIELD VERIFY LOCATION WITH ARCHITECT.
- 12. LOCATE DRINKING FOUNTAIN SUPPLY PIPE SHUT OFF IN PLUMBING CHASE FOR DRAIN DOWN.
- 13. EXISTING SINK TO REMAIN. PROVIDE AND INSTALL NEW FAUCET.

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
t 505.989.3557

HYDROSYSYSTEMS KDI
860 Labor Street, Suite 200
Lakewood, CO 80401-5954
t 303.980.5327
www.hydrosystemsmdi.com

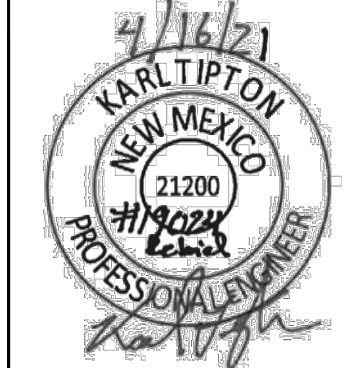
design office
landscape planning urbanism

DESIGN OFFICE
1300 Luisa Street, Suite 24
Santa Fe, NM 87505
t 505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**



DRAWN BY: DW DATE: April 16, 2021

SHEET TITLE: **MECHANICAL / PLUMBING WASTE, VENT AND DOMESTIC WATER FLOOR PLANS**

SHEET NUMBER: **MP1-01**

427 LUISA PLACE
SANTA FE, NM 87505
KARL@TIPTONENGINEERING.CO
WWW.TIPTONENGINEERING.CO

MD	PD	ED	PM
PROJECT #: 19024			

GENERAL

- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE MEANS OR METHOD OR SEQUENCE OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK THAT CONFORMS WITH THE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) SAFETY AND HEALTH STANDARDS FOR THE CONSTRUCTION INDUSTRY.
- WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDUM.
- ESTABLISH AND VERIFY ALL OPENINGS, INSERTS, OR EQUIPMENT FOR LANDSCAPE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING WITH APPROPRIATE TRADE. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE SUBCONTRACTORS AND EQUIPMENT SUPPLIERS. DO NOT PENETRATE ANY STRUCTURAL ELEMENTS (SLABS, FOOTINGS, ETC.) WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD THROUGH THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND COORDINATE SITE CONDITIONS WITH THE DRAWINGS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES AND OMISSIONS SHALL BE RESOLVED WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION AND PRIOR TO PROCEEDING. DO NOT USE SCALED DIMENSIONS.
- WHERE ANY DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.
- TYPICAL DETAILS MAY OR MAY NOT BE CUT ON THE DRAWINGS, AND DETAILS MAY OR MAY NOT BE CUT AT ALL SPECIFIC LOCATIONS, BUT SHALL APPLY UNLESS NOTED OTHERWISE.
- APPROVED EQUAL OPTIONS ARE FOR THE CONTRACTOR'S CONVENIENCE AND ARE SUBJECT TO APPROVAL BY THE ARCHITECT. IF AN OPTION IS CHOSEN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CHANGES AND COSTS NECESSARY AND FOR COORDINATION OF ALL DETAILS AS REQUIRED TO INCORPORATE THE OPTION INTO THE WORK.
- ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW MEXICO.

CODE AND DESIGN LOADS

- ALL CONSTRUCTION SHALL CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE.

FOUNDATIONS

- FOUNDATION DESIGN BASED ON GEOTECHNICAL REPORT #1-91013 BY GEO-TEST DATED NOVEMBER 26, 2019. POST TENSIONED SLABS MUST BEAR ON 12" MINIMUM OF STRUCTURAL FILL.
- ALL CONSTRUCTION SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. THE ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ANY GEOTECHNICAL ASPECTS OF THIS PROJECT.
- ABANDONED FOOTINGS, NEW OR EXISTING UTILITIES, ETC., THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REROUTED OR REMOVED AS COORDINATED WITH THE LANDSCAPE ARCHITECT.
- ALL EXTERIOR FINISHED GRADES SHALL SLOPE AWAY FROM THE COURTS TO ENSURE NO PONDING OF WATER OCCURS AROUND COURTS.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE LATEST EDITIONS OF ACI 318 AND THE CRSI "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION", AND AS MODIFIED BY THE DRAWINGS. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60 (Fy = 60 KSI) DEFORMED BARS FOR ALL BARS #5 AND LARGER. ASTM A615, GRADE 40 (Fy = 40 KSI) DEFORMED BARS FOR ALL BARS #4 AND SMALLER. REINFORCING TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60 (Fy = 60 KSI) LOW ALLOY DEFORMED BARS. WELDING OF REINFORCING SHALL BE ACCORDING TO AWS D1.4. NO TACK WELDING OF REINFORCING BARS ALLOWED.
- ALL REINFORCING STEEL SHALL BE ACCURATELY PLACED AND SUPPORTED BY GALVANIZED METAL OR PLASTIC CHAIRS, SPACERS OR HANGERS. PROVIDE THE FOLLOWING MINIMUM CLEAR CONCRETE COVERAGE:
 - CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3"
 - EXPOSED TO EARTH OR WEATHER:
 - #5 AND LARGER - 2"
 - #4 AND SMALLER - 1 1/2"
 - ALL OTHERS PER LATEST EDITION OF ACI 318
- LAP SPLICES IN CONCRETE SHALL BE 48 BAR DIAMETERS (2'-0" MINIMUM). STAGGER ALTERNATE SPLICES A MINIMUM OF ONE LAP LENGTH. ALL SPLICE LOCATIONS SUBJECT TO APPROVAL AND SHALL BE MADE ONLY WHERE INDICATED ON THE DRAWINGS. EXTEND ALL HORIZONTAL REINFORCING CONTINUOUS AROUND CORNERS AND INTERSECTIONS OR PROVIDE BENT CORNER BARS TO MATCH AND LAP WITH HORIZONTAL BARS AT CORNERS AND INTERSECTIONS OF FOOTINGS AND WALLS.
- REINFORCING BAR SPACING GIVEN ARE MAXIMUM ON CENTERS. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. SKEW HOOKS AS REQUIRED FOR CONCRETE COVER. SECURELY TIE ALL BARS IN POSITION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL EMBEDMENT LENGTH PER THE LATEST EDITION OF ACI 318.
- SPLICED BARS SHALL BE PLACED AT THE SAME EFFECTIVE DEPTH UNLESS NOTED OTHERWISE. REINFORCING BARS NOTED "CONTINUOUS" OR WITH LENGTH NOT SHOWN SHALL BE FULLY CONTINUOUS AND SPLICED ONLY AS SHOWN, OR WHERE APPROVED BY THE ENGINEER.
- REINFORCING BAR HOOKS SHALL BE STANDARD ACI HOOKS UNLESS NOTED OTHERWISE.

STRUCTURAL NOTES

CAST-IN-PLACE CONCRETE

- CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- ADDITION OF WATER TO THE BATCH FOR MATERIAL WITH INSUFFICIENT SLUMP WILL NOT BE PERMITTED, UNLESS THE SUPPLIER HAS SPECIFICALLY WITHHELD WATER FROM THE BATCH AT THE PLANT. IN SUCH CASE THE MIX DESIGN AND TRUCK TICKET MUST CLEARLY STATE THE MAXIMUM AMOUNT OF WATER THAT CAN BE ADDED TO THE BATCH ON SITE. IN NO CASE SHALL THE DESIGN WATER TO CEMENTITIOUS MATERIAL RATIO BE EXCEEDED.
- CONCRETE SHALL BE READY MIXED CONCRETE IN ACCORDANCE WITH ASTM C94.

CONCRETE USE	MINIMUM 28 DAY COMPRESSIVE STRENGTH
POST-TENSIONED SLABS ON GRADE -	4,000 PSI
SLABS ON GRADE -	4,000 PSI
FOUNDATIONS -	4,000 PSI
CURBS AND SIDEWALKS -	4,000 PSI
- CEMENT SHALL CONFORM TO ASTM C150, TYPE II. AGGREGATE PER ASTM C33. LIGHTWEIGHT AGGREGATE PER ASTM C330. MAXIMUM 5" SLUMP FOR ALL CONCRETE. CONCRETE CONTAINING SUPERPLASTICIZING ADMIXTURE SHALL HAVE 8" MAXIMUM SLUMP AT PLACEMENT. MIX DESIGNS SHALL BE DESIGNED BY THE CONCRETE PRODUCTION FACILITY IN ACCORDANCE WITH ACI 301 AND APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.
- CONCRETE SHALL BE FREE OF CHLORIDE. WHEN USED, FLY ASH SHALL CONFORM TO ASTM C618, CLASS F. FLY ASH SHALL NOT REPLACE MORE THAN 20% OF CEMENT BY WEIGHT.
- CONCRETE SHALL NOT BE DROPPED MORE THAN FIVE FEET VERTICALLY WITHOUT USE OF TREMIES.
- CONCRETE FOOTINGS AND SLABS/PADS MAY BE POURED AGAINST NEAT EXCAVATIONS PROVIDED THAT FOOTING DIMENSION ARE ADHERED TO, AND THE REQUIRE CONCRETE COVERAGE FOR REINFORCING IS MAINTAINED.
- PROVIDE SLEEVES FOR UTILITY OPENINGS IN CONCRETE BEFORE PLACING CONCRETE. DO NOT CUT ANY CONFLICTING REINFORCING.
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES OF BEAMS, COLUMNS, WALLS, SLABS, ETC., U.N.O.
- MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED, EXCEPT SLABS ON GRADE, 4" INCHES OR LESS IN THICKNESS, NEED BE VIBRATED ONLY AT AREA OF REINFORCEMENT, EMBEDDED ITEMS, THICKENED AREA, AND ADJACENT TO PENETRATIONS.
- CONCRETE WHICH HAS CONTAINED WATER FOR MORE THAN 90 MINUTES (60 MINUTES IF AIR TEMPERATURE EXCEEDS 85DEGREES) SHALL NOT BE USED. RETEMPERING OF CONCRETE AFTER INITIAL SET HAS OCCURRED IS NOT PERMITTED.
- CURE EXPOSED CONCRETE FOR A MINIMUM OF 7 DAYS IN ACCORDANCE WITH ACI 301 PROCEDURES IN ORDER TO PREVENT CRACKING. CURE WITH CURING AND SEALING COMPOUND, MOIST CURING, MOISTURE-RETAINING COVER, CURING, OR COMBINATIONS THEREOF. IF CURING COMPOUND IS USED, APPLY AT A RATE SPECIFIED BY THE MANUFACTURER.
- CONCRETE COMPRESSIVE STRENGTH AND SLUMP SHALL BE TESTED PER ASTM C31, C39 AND C143. PROVIDE 3 CYLINDERS PER TEST FOR EACH DAY'S CONCRETE PLACEMENT OR AS DIRECTED BY THE ENGINEER. TEST ONE CYLINDER AT 7 DAYS AND TWO AT 28 DAYS. TESTING SHALL BE DONE BY A QUALIFIED TESTING LABORATORY.
- ALL HOT WEATHER CONCRETING SHALL MEET THE REQUIREMENTS OF ACI 305; AND ACI 306 FOR COLD WEATHER CONCRETING.
- THE ENGINEER OF RECORD IS NOT AN EXPERT IN THE FIELD OF CONCRETE MOISTURE AND IS NOT RESPONSIBLE FOR ANY ISSUES THAT MAY OCCUR ARISE FROM BELOW SLAB MOISTURE THAT MAY ENTER THE SLAB (AND HOW THAT MAY AFFECT FLOORING, INTERIOR NON-BEARING WALLS, ETC.). IT IS THE CONTRACTOR'S OWNER'S RESPONSIBILITY TO HIRE A GEOTECHNICAL ENGINEER TO ADVISE ON THE POSSIBLE USE OF A VAPOR BARRIER, CONCRETE ADMIXTURE, ETC.

POST-TENSIONED CONCRETE (ON GRADE):

- PRESTRESSING STRANDS SHALL BE LOW-RELAXATION STRAND, 1/2" DIAMETER (CROSS-SECTIONAL AREA = 0.153 SQUARE INCHES). 7-WIRE STRANDS CONFORMING TO ASTM A416, GRADE 270. THE STRANDS SHALL HAVE A GUARANTEED MINIMUM ULTIMATE STRENGTH OF 270,000 PSI. A WRITTEN GUARANTEE SHALL BE SUBMITTED TO THE ENGINEER OF RECORD BY THE MANUFACTURER. MODULUS OF ELASTICITY = 28,000,000 PSI.
- PRESTRESSING STRANDS SHALL BE CLEAN AND FREE OF CORROSION. STRANDS SHALL BE WRAPPED WITH 25 MIL MINIMUM EXTRUDED POLYETHYLENE SHEATHING. ANY DAMAGE TO THE SHEATHING PRIOR TO OR DURING INSTALLATION MUST BE REPAIRED TO THE SATISFACTION OF THE ENGINEER PRIOR TO PLACING OF ANY CONCRETE.
- PRESTRESSING STRAND SHALL BE AS FOLLOWS:
 - 1/2" DIAMETER 7-WIRE STRANDS:
 - MAXIMUM ANCHORING FORCE = 28.9 KIPS/STRAND (7 Fpu = 189 KSI STRESS).
 - MAXIMUM TEMPORARY FORCE AT JACKING = 33.0 KIPS/STRAND (8 Fpu = 216 KSI STRESS).
 - MAXIMUM ELONGATION = 0.081 INCHES/LINEAR FOOT OF STRAND.
 - CONCRETE COMPRESSION STRENGTH AT TIME OF TRANSFER OF PRESTRESS FORCE TO CONCRETE SHALL BE AT LEAST 1,800 PSI.
- POST TENSION STRAND ANCHORAGES SHALL BE ICC RATED PER ICC REPORT # ESR-2381 AND SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION. ONE SAMPLE OF THE PRESTRESSING STRANDS FROM EACH REEL OF HEAT SHALL BE TESTED BY AN APPROVED LABORATORY. TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- AN ACCURATE RECORD OF ALL JACKING FORCES AND ELONGATIONS SHALL BE MAINTAINED AND RECORDED BY THE CONTRACTOR ON APPROVED FORMS. RECORDINGS SHALL NOT VARY MORE THAN 7% FROM THE REQUIRED VALUES.
- ALL POCKETS REQUIRED FOR ANCHORAGES SHALL BE ADEQUATELY REINFORCED SO AS NOT TO DECREASE THE STRENGTH OF THE STRUCTURE AND WATERPROOFED PER PTI RECOMMENDATIONS SO AS TO ELIMINATE WATER LEAKAGE THROUGH THE POCKET. STRANDS SHALL BE DRAPED TO APPROXIMATELY A PARABOLIC PROFILE BETWEEN SUPPORTS, EXCEPT AS NOTED, AND SHALL CONFORM TO THE CONTROL POINTS SHOWN IN THE PROFILE. DIMENSIONS INDICATE THE CENTER OF GRAVITY OF THE STRAND MEASURED FROM THE BOTTOM OF THE BEAM OR SLAB. LOW POINTS ARE AT MIDSPAN UNLESS NOTED OTHERWISE. STRANDS SHALL BE SECURELY SUPPORTED TO PREVENT DISPLACEMENT DURING SUBSEQUENT OPERATIONS. BARS AND CHAIRS SHALL BE PROVIDED AS REQUIRED TO MAINTAIN THE STRANDS IN THEIR TRUE POSITION. THE VERTICAL AND HORIZONTAL DEVIATIONS OF ALL STRANDS SHALL CONFORM TO THE LATEST ACI CODE.
- SLIGHT DEVIATIONS IN SPACING OF THE SLAB STRANDS WILL BE PERMITTED WITH THE APPROVAL OF THE ENGINEER WHERE REQUIRED TO AVOID OPENINGS, INSERTS AND DOWELS WHICH ARE SPECIFICALLY LOCATED. WHERE LOCATIONS OF STRANDS SEEM TO INTERFERE WITH EACH OTHER, ONE (1) STRAND MAY BE MOVED HORIZONTALLY IN ORDER TO AVOID THIS INTERFERENCE. WHERE STRANDS ARE THREADED THROUGH CAGES OF REINFORCING STEEL, CARE SHALL BE TAKEN TO ENSURE THE STRAND PASSES THROUGH FREELY AND BINDING DOES NOT OCCUR DURING THE STRESSING OPERATION. THE MINIMUM RADIUS OF CURVATURE FOR THE STRANDS SHALL BE 10 FEET OR 10 TIMES THE DEPTH OF THE CONCRETE SECTION, WHICHEVER IS LARGER.
- TWO (2) #3 CONTINUOUS BARS SHALL BE PLACED BEHIND ALL ANCHORAGES FOR PRESTRESSING STRANDS IN SLABS.
- SHOP DRAWINGS SHALL CONTAIN THE FOLLOWING INFORMATION:
 - CENTERLINE OF PRE-STRESSING FORCE WITH OFFSETS SHOWN AT MAXIMUM 3'-0" INTERVALS.
 - DIMENSIONAL TOLERANCES FOR LOCATING PRESTRESSING STRANDS.
 - STRAND LAYOUT AND DIMENSIONS LOCATING STRANDS IN HORIZONTAL PLANE.
 - STRAND PROFILE SHOWING CHAIRS, CHAIR HEIGHTS, LOCATION OF TYING STEEL AND OTHER INFORMATION REGARDING METHOD OF TENSIONING STRAND.
 - JACKING FORCES AT ANCHORAGE, TEMPORARY JACKING FORCES, REQUIRED ELONGATIONS, SCHEDULE AND SEQUENCE OF TENSIONING STRAND.
 - A SCHEDULE AND SEQUENCE OF TENSIONING STRAND SHALL BE ESTABLISHED AND SHOWN ON THE SHOP DRAWINGS.

STRUCTURAL STEEL

- STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE LATEST AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- STRUCTURAL PROPERTIES:
 - STEEL PIPE - ASTM A501 (Fy = 36 KSI) OR ASTM A53, TYPE E OR S, GRADE B (Fy = 35 KSI).
- WELDING ELECTRODES SHALL CONFORM TO AWS D1.1, GRADE E70XX, E80 SERIES ELECTRODES SHALL BE USED FOR ASTM A706 REINFORCING BARS. ALL WELDING SHALL BE DONE BY WELDERS HOLDING VALID CERTIFICATES ISSUED BY AN ACCEPTED TESTING AGENCY AND HAVING CURRENT EXPERIENCE IN TYPE OF WELDS SHOWN ON THE DRAWINGS OR NOTES. ALL WELDING PER AMERICAN WELDING SOCIETY STANDARDS. ALL WELDS ON DRAWINGS ARE SHOWN AS SHOP WELDS. CONTRACTOR MAY SHOP WELD OR FIELD WELD AT THEIR DISCRETION. SHOP WELDS OR FIELD WELDS SHALL BE SHOWN ON SHOP DRAWINGS. FULL PENETRATION WELDS SHALL BE TESTED AND CERTIFIED BY AN INDEPENDENT TESTING LABORATORY.
- IF IT IS NECESSARY TO SPLICE ANY MEMBER, SPLICE LOCATIONS ARE SUBJECT TO REVIEW TO THE STRUCTURAL ENGINEER. SPLICES SHALL BE FULL PENETRATION WELDED AND TESTED. INDICATE ALL SPLICE LOCATIONS, AND WELDING PROCEDURES ON SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.
- PROVIDE FABRICATOR'S STANDARD RUST-INHIBITING PRIMER SHOP PAINT FOR ALL STEEL SURFACES EXCEPT SURFACES ENCASED IN CONCRETE, OR TO RECEIVE SPRAY-APPLIED FIREPROOFING.

SHOP DRAWINGS AND SUBMITTALS:

- SUBMITTALS AND SHOP DRAWINGS SHALL BE SUBMITTED FOR THE FOLLOWING STRUCTURAL ITEMS IN ADDITION TO ANY SUBMITTALS REQUIRED BY THE SPECIFICATIONS AND DEFERRED SUBMITTALS (LISTED BELOW).
 - CONCRETE MIX DESIGN
 - CONCRETE PRODUCT DATA AND MATERIAL TEST REPORTS
 - FOUNDATION REINFORCING (DRAWINGS AND PRODUCT DATA)
 CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. THE CONTRACTOR SHALL NOT VARY FROM THE APPROVED MIX DESIGNS WITHOUT APPROVAL FROM THE ENGINEER OF RECORD.
- THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND PRODUCT DATA FOR CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTAL. ANY SHOP DRAWINGS OR PRODUCT DATA NOT REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR WILL BE RETURNED WITHOUT REVIEW. THE CONTRACTOR SHALL CLOUD OR FLAG ALL ITEMS NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. VERIFY ALL DIMENSIONS WITH ARCHITECT.
- ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM THE ORIGINAL CONTRACT DRAWINGS SHALL BE CLOUDED BY THE MANUFACTURER OR FABRICATOR. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS WHICH ARE NOT CLOUDED OR FLAGGED BY SUBMITTING PARTIES, SHALL NOT BE CONSIDERED ALLOWED AFTER THE ENGINEER'S REVIEW, UNLESS NOTED ACCORDINGLY BY THE ENGINEER OF RECORD.
- THE ENGINEER OF RECORD RESERVES THE RIGHT TO ALLOW OR NOT ALLOW ANY CHANGES TO THE ORIGINAL CONTRACT DRAWINGS AT ANY TIME BEFORE OR AFTER SHOP DRAWING REVIEW.
- THE SHOP DRAWINGS DO NOT REPLACE THE ORIGINAL CONTRACT DRAWINGS. ITEMS OMITTED OR SHOWN INCORRECTLY AND WHICH ARE NOT NOTED AS ALLOWED BY THE ENGINEER OF RECORD OR ARCHITECT ARE NOT TO BE CONSIDERED CHANGES TO THE ORIGINAL CONTRACT DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ITEMS OMITTED OR SHOWN INCORRECTLY ARE CONSTRUCTED IN ACCORDANCE WITH THE ORIGINAL CONTRACT DRAWINGS.
- ALL ENGINEERING DESIGNS AND LAYOUTS PERFORMED BY OTHERS SHALL BE SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.
- REVIEWING IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS. RESPONSIBILITY FOR CORRECTNESS AND COMPLETENESS SHALL REST WITH THE CONTRACTOR.
- SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF MAJOR ERRORS ARE FOUND DURING REVIEW.
- NO MORE THAN TWO SETS OF BLUELINE PRINTS AND ONE SET OF REPRODUCIBLES WILL BE REVIEWED FOR ANY INDIVIDUAL SUBMITTAL.
- ALLOW A MINIMUM OF FIVE WORKING DAYS FOR REVIEW OF SHOP DRAWINGS BY THE ENGINEER OF RECORD.

SPECIAL INSPECTIONS:

- SPECIAL INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED INSPECTOR AS APPROVED BY THE BUILDING OFFICIAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A MINIMUM OF 24 HOURS NOTICE TO THE SPECIAL INSPECTOR AND THE TESTING LABORATORY PRIOR TO BEGINNING ANY WORK FOR WHICH SPECIAL INSPECTION OR TESTING IS REQUIRED.
- SPECIAL INSPECTION IS REQUIRED DURING THE FOLLOWING OPERATIONS PER IBC CHAPTER 17:
 - POST TENSION SLAB, DURING PLACEMENT OF REINFORCING STEEL AND POST TENSION TENDONS IN CONCRETE AND DURING ALL STRESSING OF POST TENSION TENDONS - PERIODIC.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
 - THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.
 - THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND TO THE ENGINEER OR LANDSCAPE ARCHITECT OF RECORD. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, TO THE ENGINEER OR ARCHITECT OF RECORD AND THE BUILDING OFFICIAL.
 - UPON COMPLETION OF THE ASSIGNED WORK, THE SPECIAL INSPECTOR SHALL COMPLETE AND SIGN A FINAL REPORT CERTIFYING THAT TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, THE WORK IS IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS, AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEER PO BOX 2758 Santa Fe, NM 87504 T.505.989.3657		HYDROSYSTEMS KDI 880 Labor Street, Suite 200 Lakewood, CO 80401-5954 T.303.980.5327 www.hydrosystemsksdi.com
design office landscape planning urbanism		
DESIGN OFFICE 5300 Luisa Street, Suite 24 Santa Fe, NM 87505 T.505.983.1415 www.dd-designoffice.com		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY CM	DATE 12.20.19	
GENERAL STRUCTURAL NOTES		
S0.1		



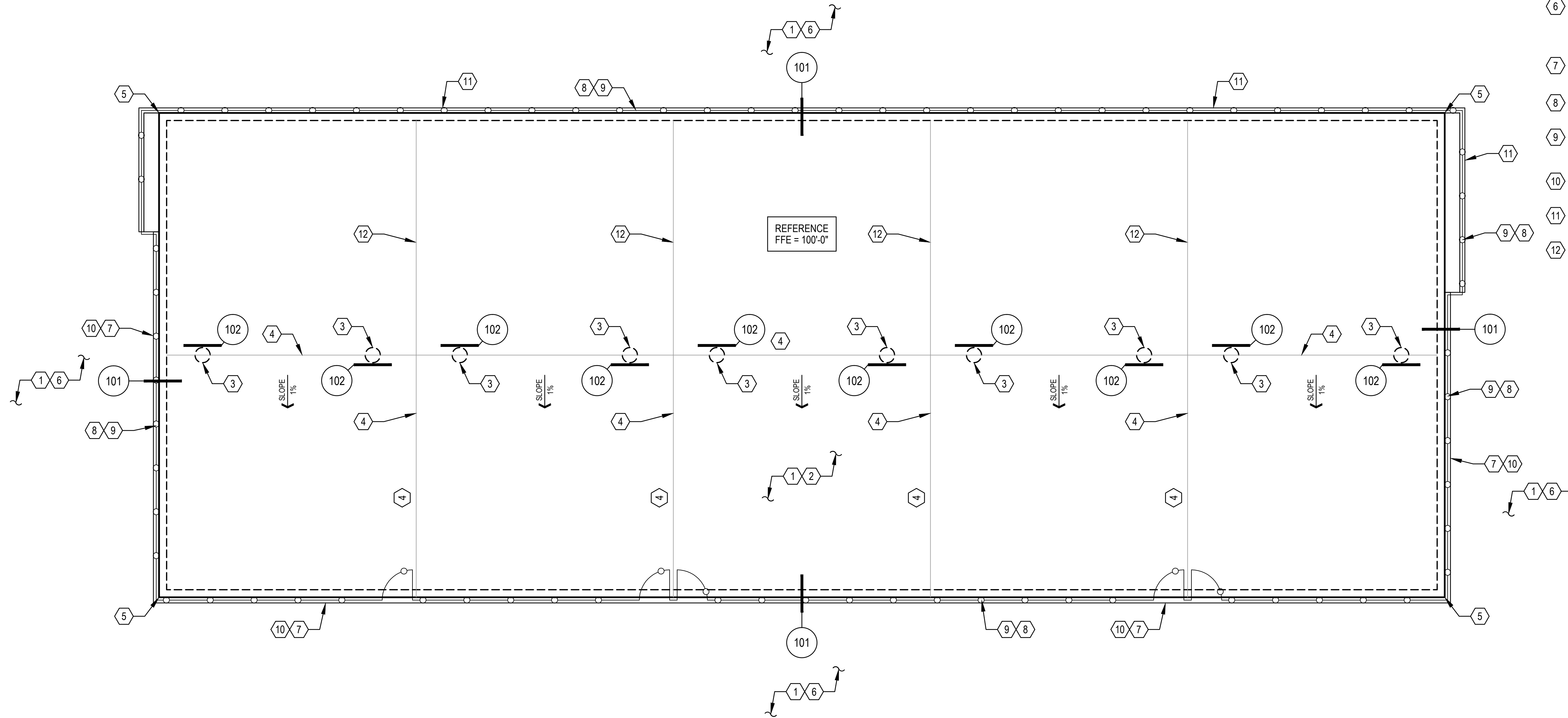
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

GENERAL NOTES

1. SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
2. VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
3. REFER TO DETAILS ON S2 SHEETS FOR OPENINGS IN SLAB.

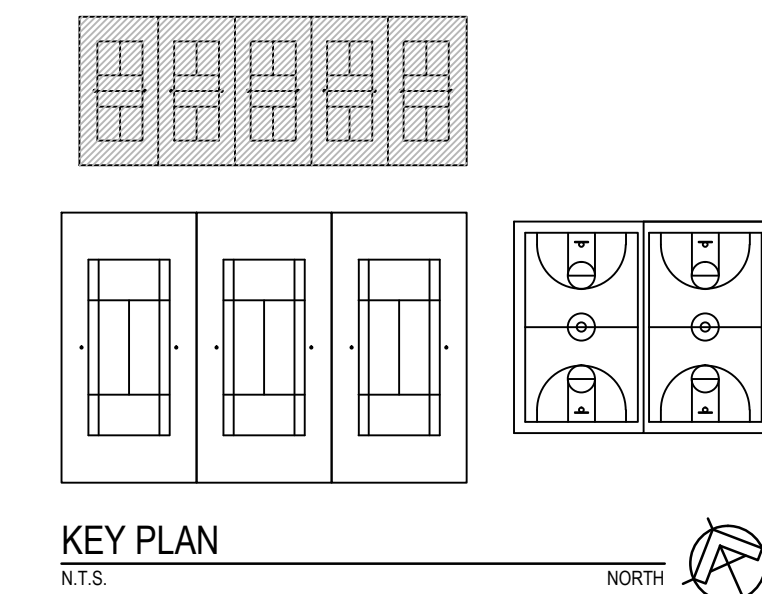
FOUNDATION PLAN NOTES

- 1 SEE TYPICAL DETAIL AND STRUCTURAL NOTES FOR EARTHWORK REQUIREMENTS. PROVIDE ENGINEERED FILL BENEATH ALL SLABS PER THE GEOTECHNICAL REPORT.
- 2 5" CONCRETE SLAB - REINFORCE SLAB WITH #5 REINFORCING AT 12" O.C. EACH WAY CENTERED IN SLAB.
- 3 NET POST - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR LOCATIONS.
- 4 3/4" WIDE EXPANSION JOINT. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET OR AT MID-COURT OF THE BASKETBALL COURTS (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE AND THE LACK OF CONCRETE CONTROL JOINTS. HOWEVER, CRACKS SHOULD STAY TIGHT AND NOT OPEN OR HAVE DIFFERENTIAL VERTICAL MOVEMENT. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.
- 5 ALL HORIZONTAL REINFORCING IN SLABS, FOOTINGS, STEM WALLS AND WALLS SHALL BE CONTINUOUS AROUND ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS.
- 6 SEE ARCHITECTURAL DRAWINGS AND/OR SITE PLAN FOR LOCATIONS AND LIMITS OF SITE WORK, SITE WALLS / SITE RETAINING WALLS (SEE TYPICAL DETAILS FOR FOOTING SIZES), SIDEWALKS, FINISH, SLOPES, CURBS, ETC.
- 7 9" WIDE BY 8" DEEP CONCRETE CURB AROUND PERIMETER OF CONCRETE SLAB, TYPICAL. SEE DETAILS 101 AND 105 ON SHEET S2.1.
- 8 REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR FENCE POST FOUNDATIONS. SEE DETAILS 103, 105 AND 106 ON SHEET S2.1.
- 9 CHAIN LINK FENCE AND GATE. SET IN CONCRETE CURB OR RETAINING WALL. CONFIRM LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO SETTING POSTS. SEE DETAILS 103, 105 AND 106 ON SHEET S2.1.
- 10 CONCRETE CURB. TOP OF CURB FLUSH WITH ADJACENT SURFACE. SEE DETAILS 101 AND 105.
- 11 CONCRETE RETAINING WALL. REFER TO LANDSCAPE ARCHITECT'S PLANS AND DETAILS.
- 12 FENCE POST IN CONCRETE SLAB. SEE DETAIL 106 ON SHEET S2.1.



FOUNDATION PLAN - PICKLEBALL COURTS

SCALE: 1/8" = 1'-0"



KEY PLAN
N.T.S.

REVISIONS

ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO BOX 2758
Santa Fe, NM 87504
1.505.983.3557

HYDROSYS/STMS KDI
880 Taber Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydrosystems-kdi.com

design office
landscape planning urbanism

DESIGN OFFICE
3007 Luisa Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**

DRAWN BY: CM DATE: 04.26.21

SHEET TITLE: **FOUNDATION PLAN PICKLEBALL COURTS**

SHEET NUMBER: **S1.1**



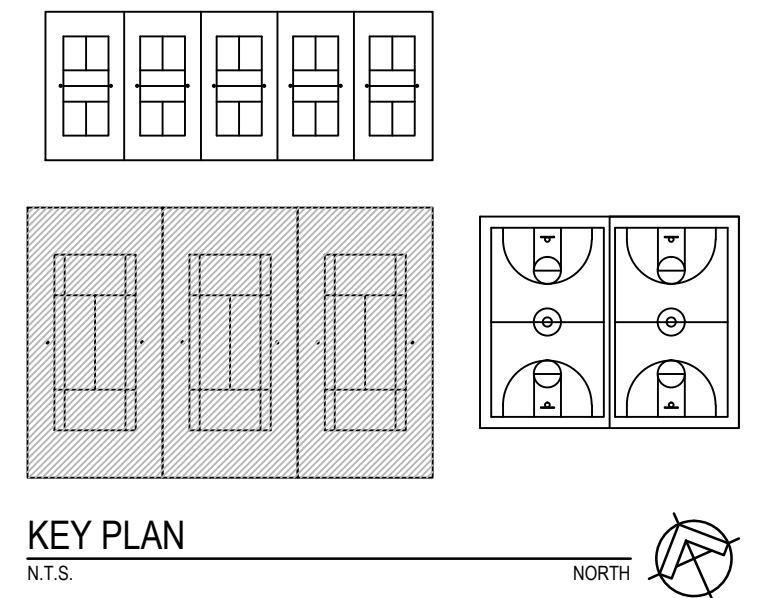
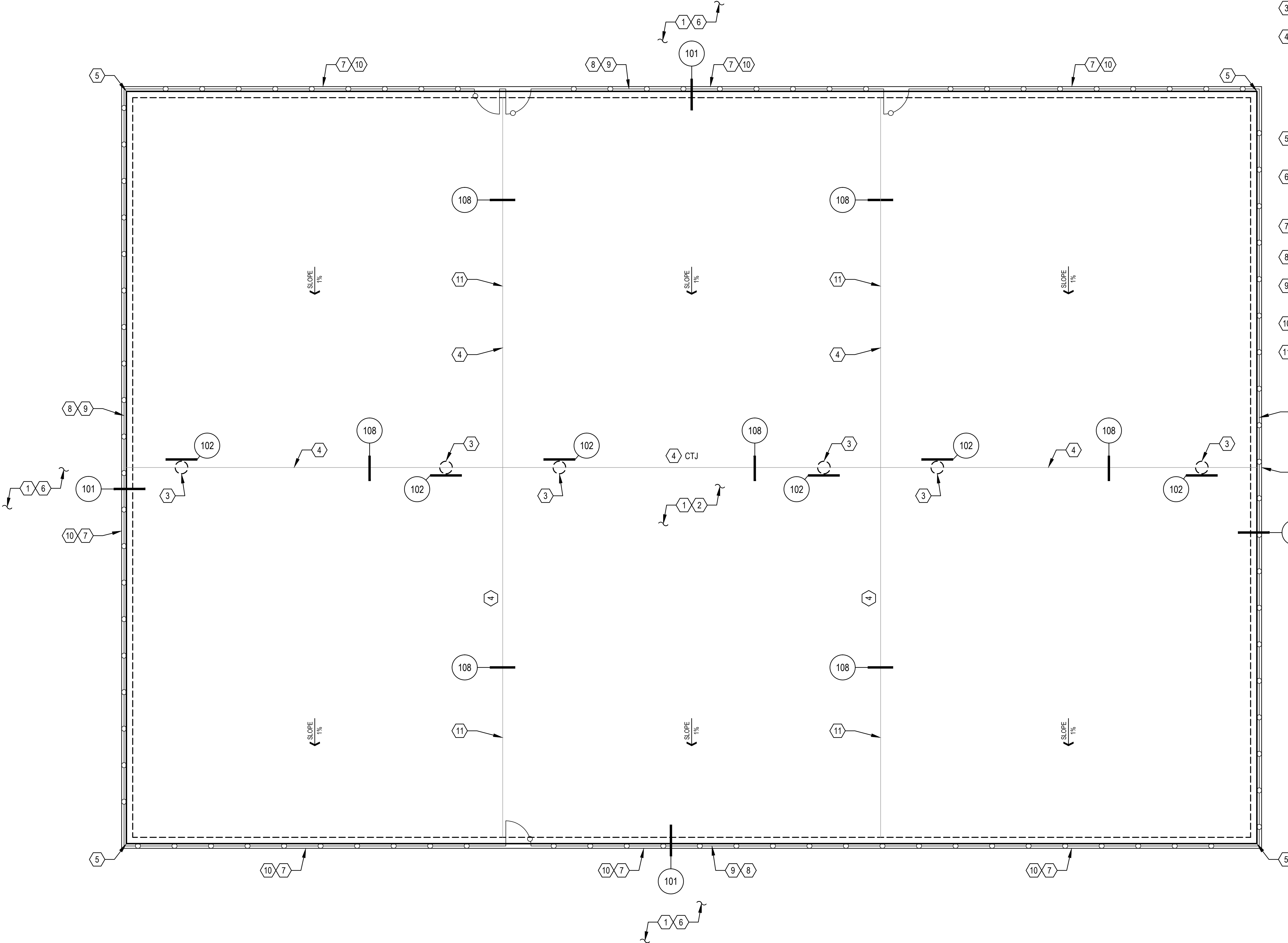
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

GENERAL NOTES

1. SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
2. VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
3. REFER TO DETAILS ON S2 SHEETS FOR OPENINGS IN SLAB.

FOUNDATION PLAN NOTES

- 1 SEE TYPICAL DETAIL AND STRUCTURAL NOTES FOR EARTHWORK REQUIREMENTS. PROVIDE ENGINEERED FILL BENEATH ALL SLABS PER THE GEOTECHNICAL REPORT.
- 2 5" CONCRETE SLAB - REINFORCE SLAB WITH #5 REINFORCING AT 12" O.C. EACH WAY CENTERED IN SLAB.
- 3 NET POST - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR LOCATIONS.
- 4 3/4" WIDE EXPANSION JOINT. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET OR AT MID-COURT OF THE BASKETBALL COURTS (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE AND THE LACK OF CONCRETE CONTROL JOINTS. HOWEVER, CRACKS SHOULD STAY TIGHT AND NOT OPEN OR HAVE DIFFERENTIAL VERTICAL MOVEMENT. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.
- 5 ALL HORIZONTAL REINFORCING IN SLABS, FOOTINGS, STEM WALLS AND WALLS SHALL BE CONTINUOUS AROUND ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS.
- 6 SEE ARCHITECTURAL DRAWINGS AND/OR SITE PLAN FOR LOCATIONS AND LIMITS OF SITE WORK, SITE WALLS / SITE RETAINING WALLS (SEE TYPICAL DETAILS FOR FOOTING SIZES), SIDEWALKS, FINISH, SLOPES, CURBS, ETC.
- 7 9" WIDE BY 8" DEEP CONCRETE CURB AROUND PERIMETER OF CONCRETE SLAB, TYPICAL. SEE DETAILS 101 AND 105 ON SHEET S2.1.
- 8 REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR FENCE POST FOUNDATIONS. SEE DETAILS 103, 105 AND 106 ON SHEET S2.1.
- 9 CHAIN LINK FENCE AND GATE. SET IN CONCRETE CURB OR RETAINING WALL. CONFIRM LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO SETTING POSTS. SEE DETAILS 103, 105 AND 106 ON SHEET S2.1.
- 10 CONCRETE CURB. TOP OF CURB FLUSH WITH ADJACENT SURFACE. SEE DETAILS 101 AND 105.
- 11 FENCE POST IN CONCRETE SLAB. SEE DETAIL 106 ON SHEET S2.1.



FOUNDATION PLAN - TENNIS COURTS

SCALE: 1/8" = 1'-0"



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER PO Box 2758 Santa Fe, NM 87504 1-505-983-3557	HYDROSYS/STMS KDI 880 Taber Street, Suite 200 Lakewood, CO 80401-5954 1-303-980-5327 www.hydrosystemsksdi.com
--	---

design office landscape planning urbanism DESIGN OFFICE 300 Luisa Street, Suite 24 Santa Fe, NM 87505 1-505-983-1415 www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CM	DATE 04.26.21
SHEET TITLE FOUNDATION PLAN TENNIS COURTS	
SHEET NUMBER S1.2	



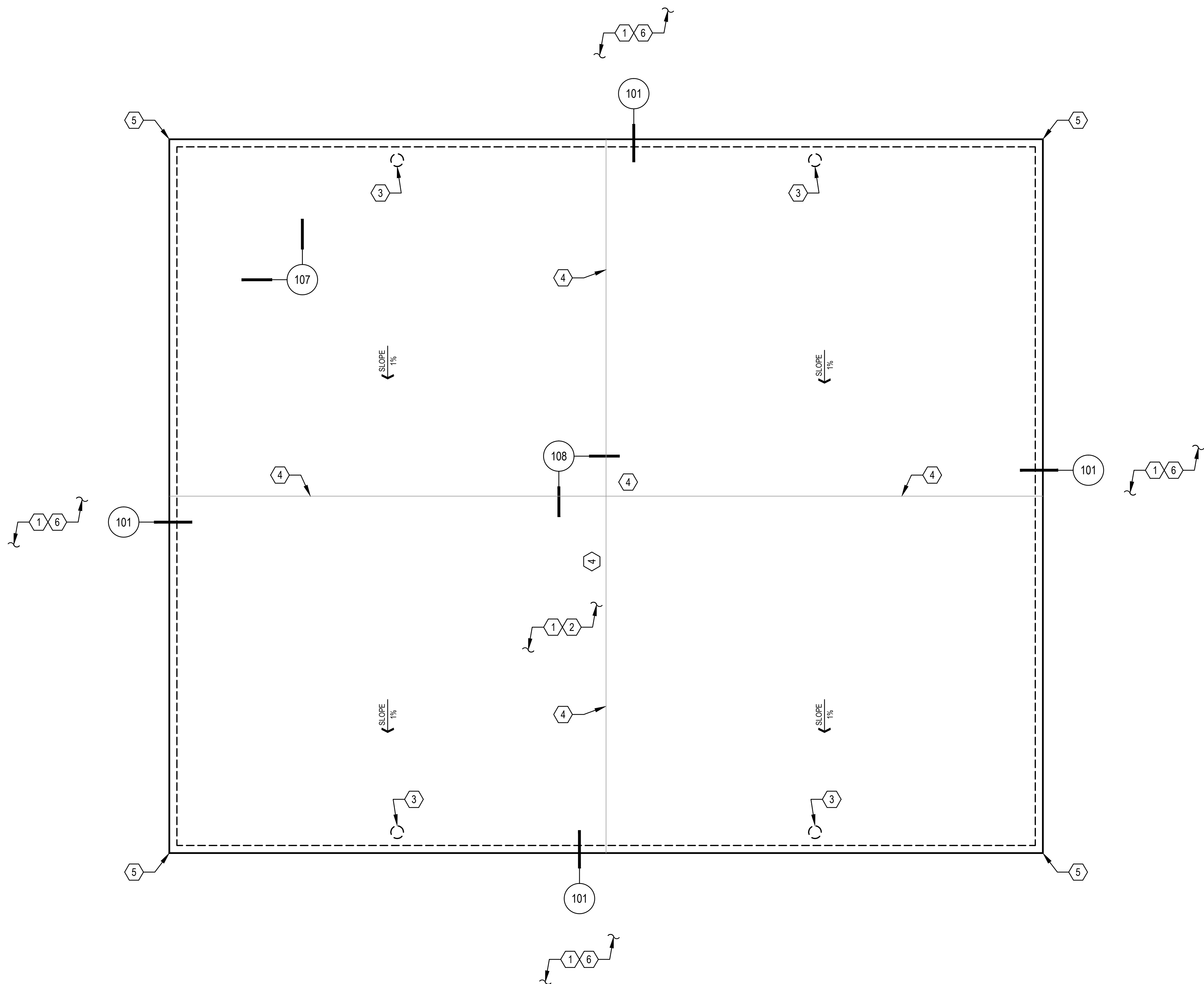
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED ©

GENERAL NOTES

1. SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
2. VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
3. REFER TO DETAILS ON S2 SHEETS FOR OPENINGS IN SLAB.

FOUNDATION PLAN NOTES

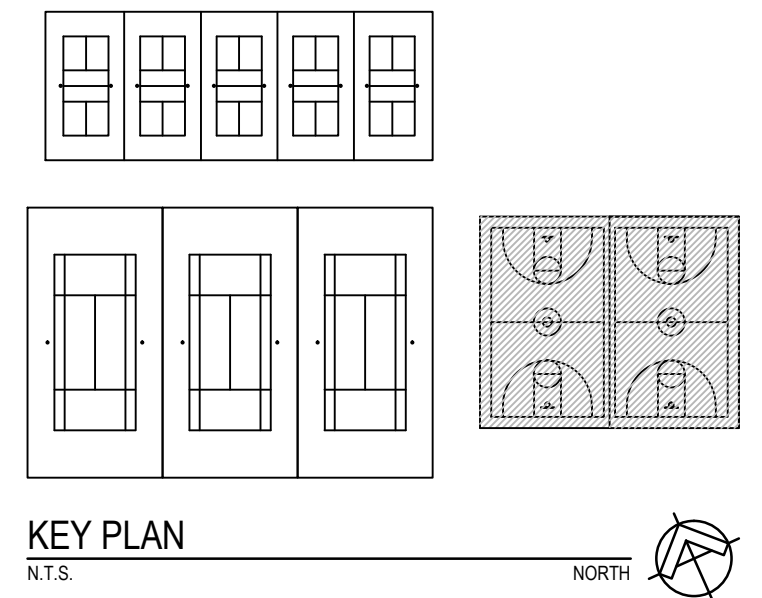
1. SEE TYPICAL DETAIL AND STRUCTURAL NOTES FOR EARTHWORK REQUIREMENTS. PROVIDE ENGINEERED FILL BENEATH ALL SLABS PER THE GEOTECHNICAL REPORT.
2. 5" CONCRETE SLAB - REINFORCE SLAB WITH #5 REINFORCING AT 12" O.C. EACH WAY CENTERED IN SLAB.
3. BASKETBALL HOOP POST - REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR LOCATIONS.
4. 3/4" WIDE EXPANSION JOINT. CONTRACTOR SHALL PROVIDE EXPANSION JOINTS IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET OR AT MID-COURT OF THE BASKETBALL COURTS (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE AND THE LACK OF CONCRETE CONTROL JOINTS. HOWEVER, CRACKS SHOULD STAY TIGHT AND NOT OPEN OR HAVE DIFFERENTIAL VERTICAL MOVEMENT. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.
5. ALL HORIZONTAL REINFORCING IN SLABS, FOOTINGS, STEM WALLS AND WALLS SHALL BE CONTINUOUS AROUND ALL CORNERS AND INTERSECTIONS PER TYPICAL DETAILS.
6. SEE ARCHITECTURAL DRAWINGS AND/OR SITE PLAN FOR LOCATIONS AND LIMITS OF SITE WORK, SITE WALLS / SITE RETAINING WALLS (SEE TYPICAL DETAILS FOR FOOTING SIZES), SIDEWALKS, FINISH, SLOPES, CURBS, ETC.



FOUNDATION PLAN - BASKETBALL COURT

SCALE: 1/8" = 1'-0"

NORTH



KEY PLAN
N.T.S.



THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEER PO BOX 2758 Santa Fe, NM 87504 1-505-983-3557		HYDROSYS/STMS KDI 880 Taber Street, Suite 200 Lakewood, CO 80401-5954 1-303-980-5327 www.hydrosystemsaki.com
design office landscape planning urbanism		
DESIGN OFFICE 300 Luisa Street, Suite 24 Santa Fe, NM 87505 1-505-983-1415 www.do-designoffice.com		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY CM	DATE 04.26.21	
FOUNDATION PLAN BASKETBALL COURTS		
SHEET NUMBER		
S1.3		

GENERAL NOTES

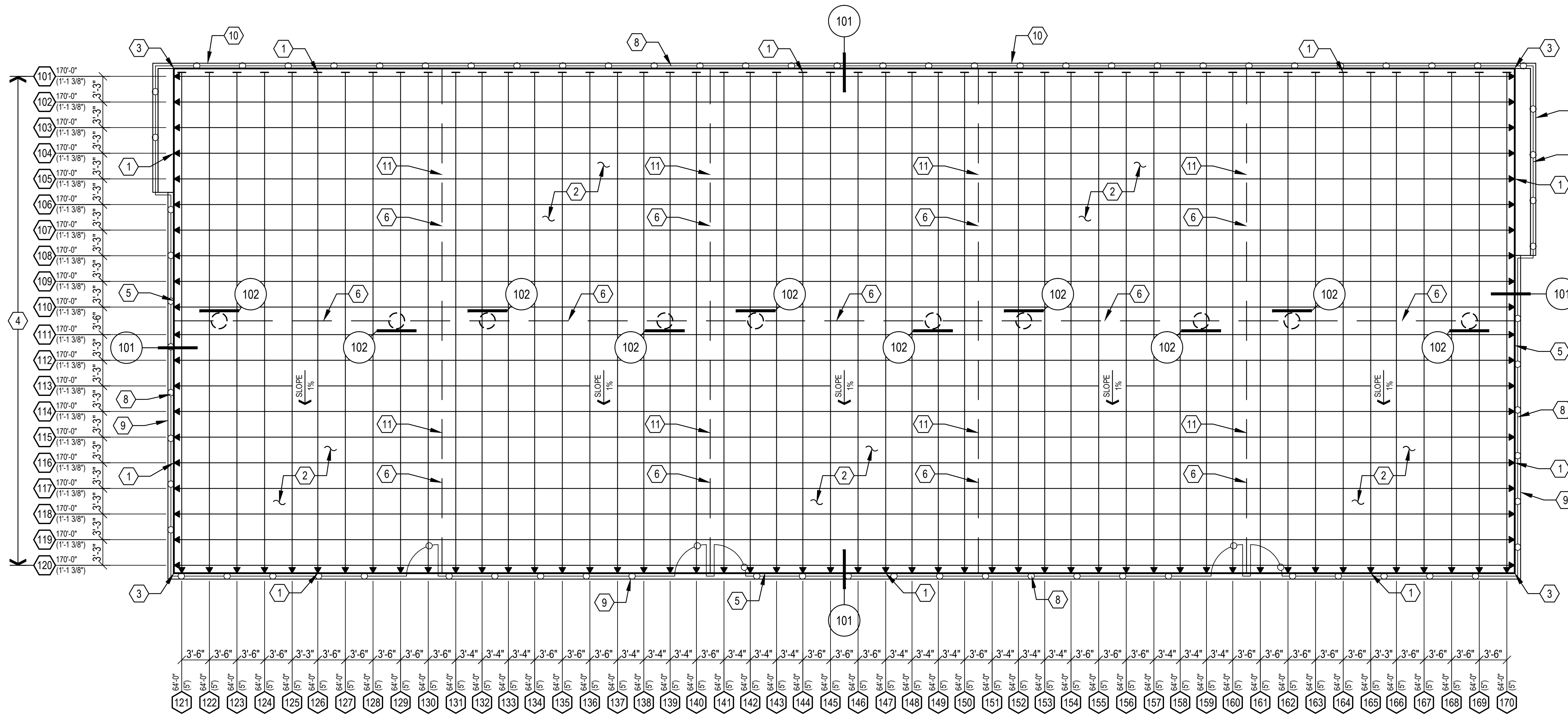
- SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
- VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
- TENDON LENGTH SHOWN ON PLAN IS FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.).
- REFER TO DETAIL 106 ON SHEET S2.1 FOR OPENINGS IN POST TENSIONED FOUNDATIONS.

THE CONCRETE SLAB SHALL BE STAMPED OR HAVE A PERMANENT METAL TAG IDENTIFYING THE SLAB AS "POST TENSIONED".

FOUNDATION PLAN NOTES

- ← → - INDICATES JACKING END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
- ← → - INDICATES FIXED END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
- LENGTH (ELONGATION) ① - LENGTH INDICATES: TENDON LENGTH SHOWN FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.). (ELONGATION) INDICATES: EXPECTED ELONGATION.
- 5" CONCRETE SLAB WITH 1/2" DIA. NON-BONDED POST TENSION TENDONS AT 42" O.C. (U.N.O.) EACH WAY. PROVIDE 10-MIL VAPOR BARRIER BELOW SLAB.
- PROVIDE TENDON LAYOUT (12" FROM EDGE OF SLAB) AROUND FULL PERIMETER OF POST TENSIONED SLAB PER TYPICAL DETAIL.
- CABLES WHICH EXCEED 100 FEET IN LENGTH SHALL BE TENSIONED FROM BOTH ENDS.
- 9" WIDE BY 8" DEEP CONCRETE CURB AROUND PERIMETER OF POST TENSIONED SLAB, TYPICAL.
- 1 1/4" DEEP TOOLED CONTROL JOINTS SHALL BE LOCATED IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. AT OWNER'S AND CONTRACTOR'S OPTION, CONTROL JOINTS MAY BE OMITTED WITH THE UNDERSTANDING THAT THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.
- REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR FENCE POST FOUNDATIONS.
- CHAIN LINK FENCE AND GATE. SET IN CONCRETE CURB OR RETAINING WALL. CONFIRM LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO SETTING POSTS.
- CONCRETE CURB. TOP OF CURB FLUSH WITH ADJACENT SURFACE.
- CONCRETE RETAINING WALL. REFER TO LANDSCAPE ARCHITECT'S PLANS AND DETAILS.
- REFER TO DETAIL 107 ON SHEET S2.1 FOR FENCE POST IN POST TENSIONED FOUNDATION.

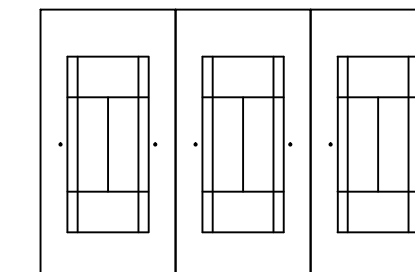
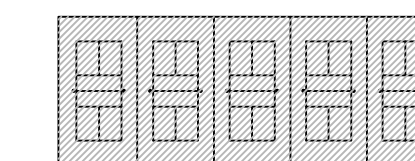
NOTE:
JACKING AND FIXED END ANCHORAGE LOCATIONS MAY BE SWITCHED, WHERE SITE WORKING CONDITIONS DO NOT ALLOW ADEQUATE SPACE FOR JACKING.



FOUNDATION PLAN - PICKLEBALL COURTS

SCALE: 1/8" = 1'-0"

NORTH



KEY PLAN
N.T.S.

NORTH



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
1.505.983.3557

HYDROSYS/STRENGTH KDI
880 Taber Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydrosystems-kdi.com

design office
landscape planning urbanism

DESIGN OFFICE
3300 Luisa Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

**2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507**

DRAWN BY: CM DATE: 04.26.21

SHEET TITLE:
**POST TENSIONED
FOUNDATION PLAN
PICKLEBALL COURTS
ADD ALT 1**

SHEET NUMBER

S1.4



THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

GENERAL NOTES

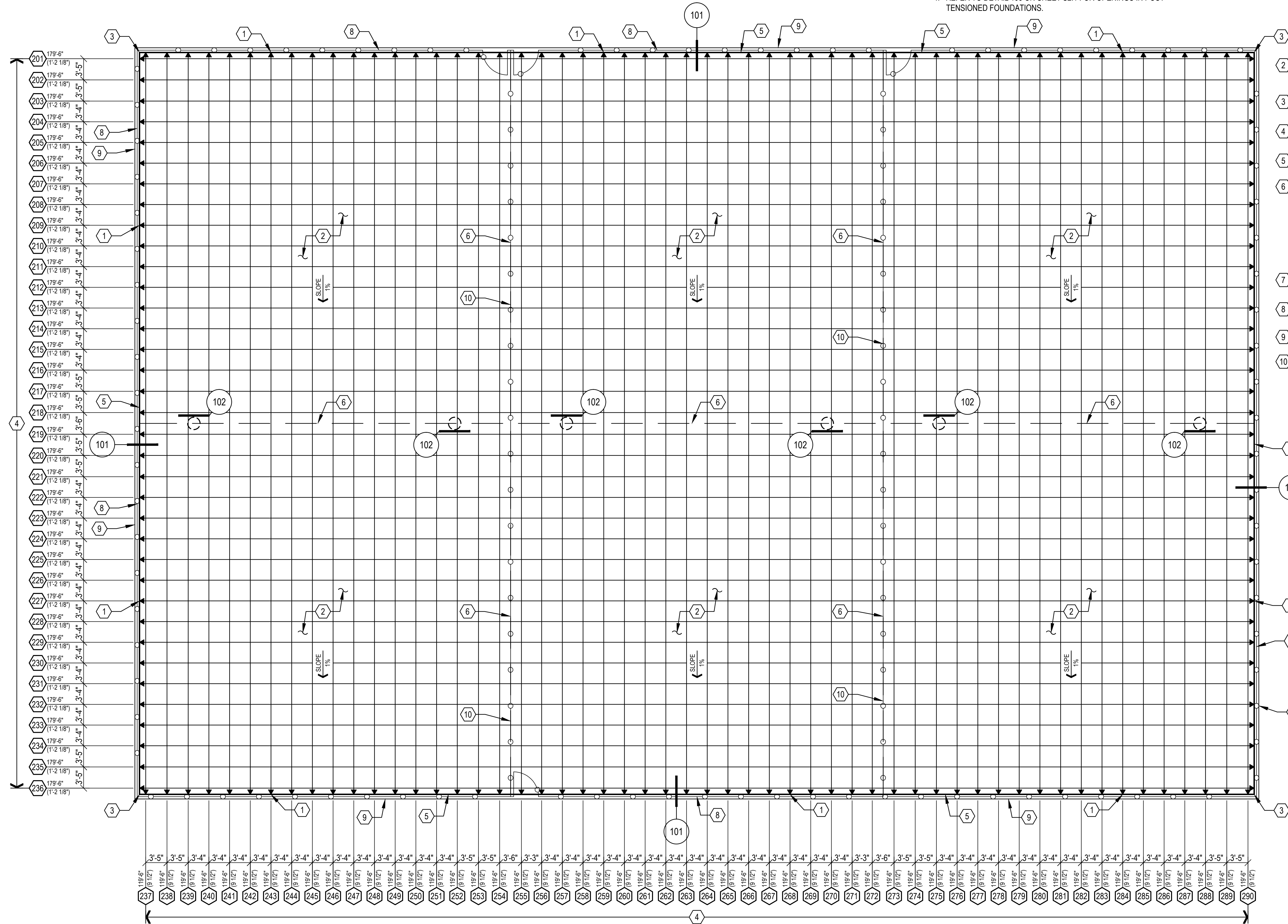
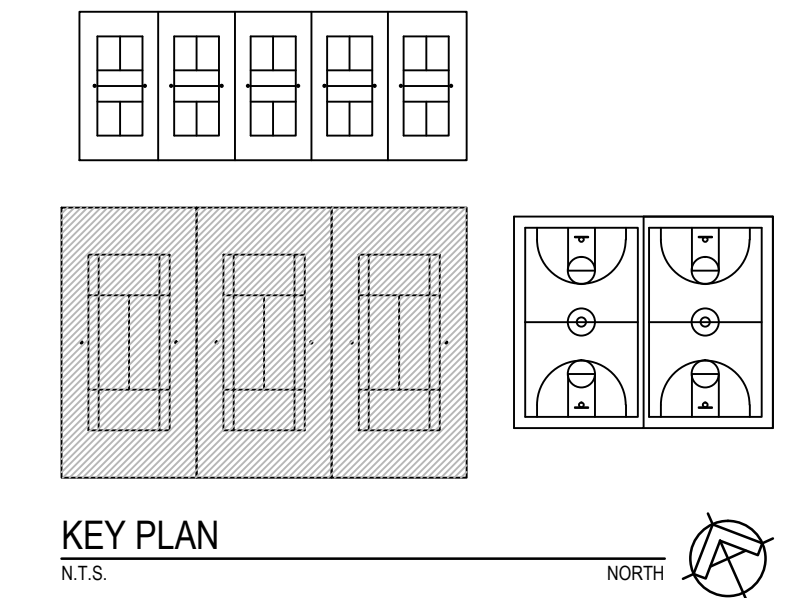
1. SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
2. VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
3. TENDON LENGTH SHOWN ON PLAN IS FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.).
4. REFER TO DETAIL 106 ON SHEET S2.1 FOR OPENINGS IN POST TENSIONED FOUNDATIONS.

FOUNDATION PLAN NOTES

1. - INDICATES JACKING END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
2. - INDICATES FIXED END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
- LENGTH (ELONGATION) - LENGTH INDICATES: TENDON LENGTH SHOWN FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.). - (ELONGATION) INDICATES: EXPECTED ELONGATION.
2. 5" CONCRETE SLAB WITH 1/2" DIA. NON-BONDED POST TENSION TENDONS AT 42" O.C. (U.N.O.) EACH WAY. PROVIDE 10-MIL VAPOR BARRIER BELOW SLAB.
3. PROVIDE TENDON LAYOUT (12" FROM EDGE OF SLAB) AROUND FULL PERIMETER OF POST TENSIONED SLAB PER TYPICAL DETAIL.
4. CABLES WHICH EXCEED 100 FEET IN LENGTH SHALL BE TENSIONED FROM BOTH ENDS.
5. 9" WIDE BY 8" DEEP CONCRETE CURB AROUND PERIMETER OF POST TENSIONED SLAB, TYPICAL.
6. 1 1/4" DEEP TOOLED CONTROL JOINTS SHALL BE LOCATED IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. AT OWNER'S AND CONTRACTOR'S OPTION, CONTROL JOINTS MAY BE OMITTED WITH THE UNDERSTANDING THAT THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.
7. REFER TO LANDSCAPE ARCHITECTURAL PLANS FOR FENCE POST FOUNDATIONS.
8. CHAIN LINK FENCE AND GATE. SET IN CONCRETE CURB. CONFIRM LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO SETTING POSTS.
9. CONCRETE CURB. TOP OF CURB FLUSH WITH ADJACENT SURFACE.
10. REFER TO DETAIL 107 ON SHEET S2.1 FOR FENCE POST IN POST TENSIONED FOUNDATION.

NOTE: JACKING AND FIXED END ANCHORAGE LOCATIONS MAY BE SWITCHED, WHERE SITE WORKING CONDITIONS DO NOT ALLOW ADEQUATE SPACE FOR JACKING.

THE CONCRETE SLAB SHALL BE STAMPED OR HAVE A PERMANENT METAL TAG IDENTIFYING THE SLAB AS "POST TENSIONED".



FOUNDATION PLAN - TENNIS COURTS
SCALE: 1/8" = 1'-0" NORTH

REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
1.505.983.3557

HYDROSYS/STMS KDI
880 Labor Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydrosystemsksdi.com

design office
landscape planning urbanism

DESIGN OFFICE
300 Luisa Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

DRAWN BY CM	DATE 04.26.21
SHEET TITLE POST TENSIONED FOUNDATION PLAN TENNIS COURTS ADD ALT 1	
SHEET NUMBER S1.5	

UNITY ENGINEERING, PC
STRUCTURAL CONSULTANTS
505.270.5047
4 SNOWCAP CT., CEDAR CREST,
NEW MEXICO 87008

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED ©

GENERAL NOTES

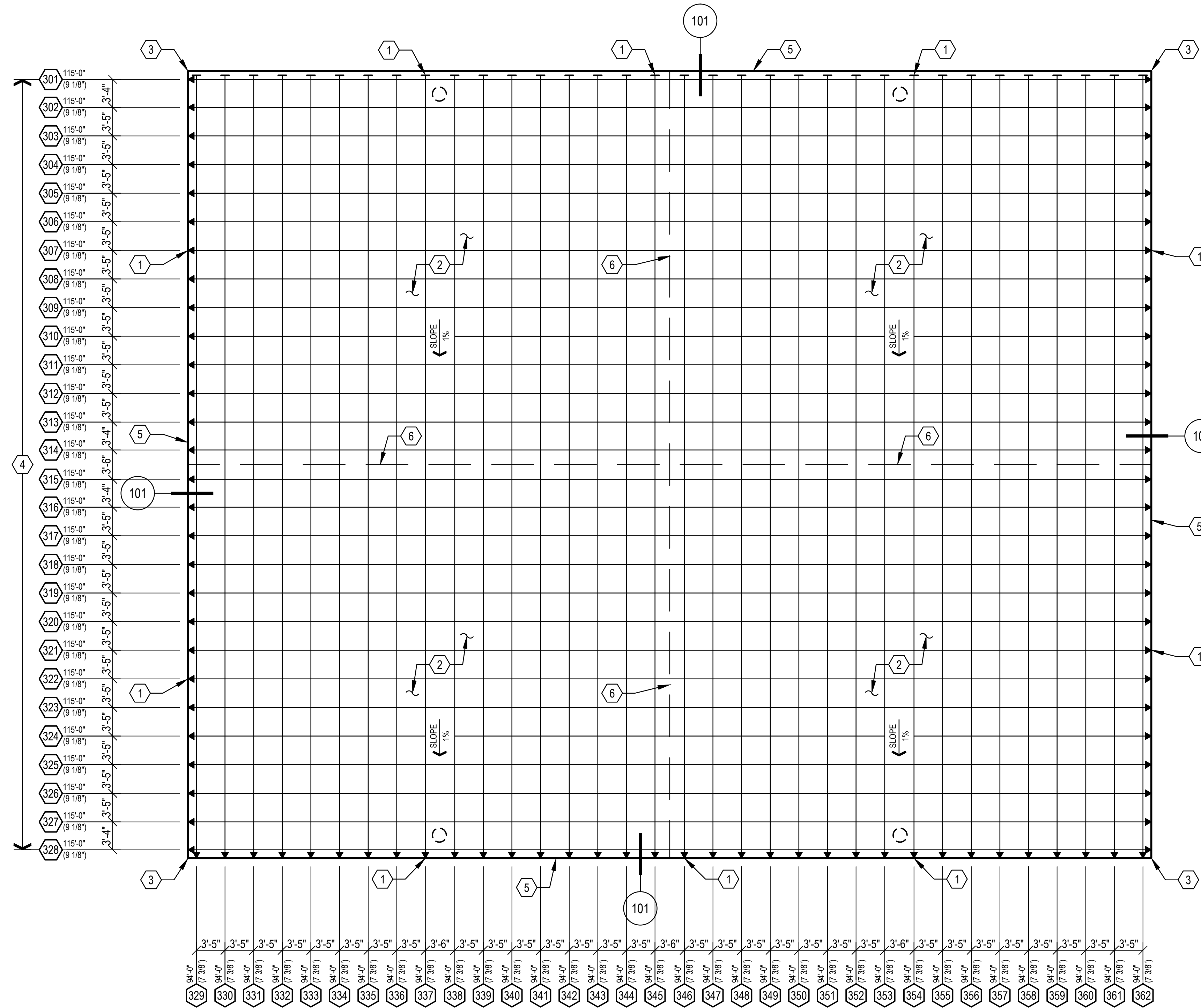
1. SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS FOR STRUCTURAL NOTES (MATERIALS, REQUIREMENTS, ETC.).
2. VERIFY ALL DIMENSIONS WITH LANDSCAPE ARCHITECT'S DRAWINGS PRIOR TO CONSTRUCTION. ALL DIMENSIONAL DISCREPANCIES SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT.
3. TENDON LENGTH SHOWN ON PLAN IS FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.).
4. REFER TO DETAIL 106 ON SHEET S2.1 FOR OPENINGS IN POST TENSIONED FOUNDATIONS.

THE CONCRETE SLAB SHALL BE STAMPED OR HAVE A PERMANENT METAL TAG IDENTIFYING THE SLAB AS "POST TENSIONED".

FOUNDATION PLAN NOTES

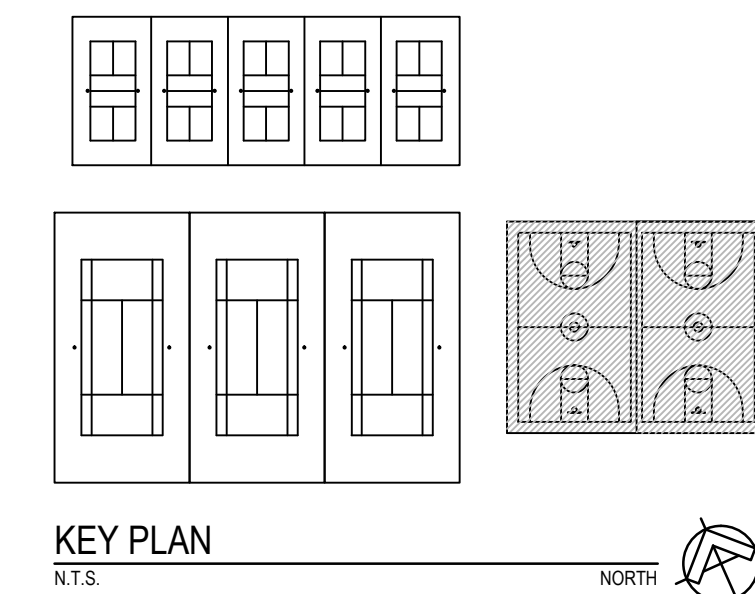
1. - INDICATES JACKING END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
- INDICATES FIXED END ANCHORAGE OF POST-TENSIONING TENDONS - TYPICAL.
- LENGTH (ELONGATION) - LENGTH INDICATES: TENDON LENGTH SHOWN FROM SLAB EDGE TO SLAB EDGE. CONTRACTOR MUST INCREASE LENGTH AS REQUIRED FOR INSTALLATION PURPOSES (TENSIONING, DRAPES FOR STEPS IN SLAB, BENDS FOR OPENING IN SLABS, ETC.). - (ELONGATION) INDICATES: EXPECTED ELONGATION.
2. 5" CONCRETE SLAB WITH 1/2" DIA. NON-BONDED POST TENSION TENDONS AT 42" O.C. (U.N.O.) EACH WAY.
3. PROVIDE TENDON LAYOUT (12" FROM EDGE OF SLAB) AROUND FULL PERIMETER OF POST TENSIONED SLAB PER TYPICAL DETAIL.
4. CABLES WHICH EXCEED 100 FEET IN LENGTH SHALL BE TENSIONED FROM BOTH ENDS.
5. 9" WIDE BY 8" DEEP CONCRETE CURB AROUND PERIMETER OF POST TENSIONED SLAB, TYPICAL.
6. 1 1/4" DEEP TOOLED CONTROL JOINTS SHALL BE LOCATED IN LINE WITH THE DIVIDER FENCES BETWEEN COURTS AND DIRECTLY BELOW THE NET (CONTINUOUS FULL WIDTH OF SLAB) TO MINIMIZE AND CONTROL SHRINKAGE CRACKING. AT OWNER'S AND CONTRACTOR'S OPTION, CONTROL JOINTS MAY BE OMITTED WITH THE UNDERSTANDING THAT THE CONCRETE SLAB WILL CRACK AT RANDOM LOCATIONS DUE TO SHRINKAGE. CAULK ALL JOINTS PRIOR TO APPLYING SURFACING MATERIAL.

NOTE:
JACKING AND FIXED END ANCHORAGE LOCATIONS MAY BE SWITCHED, WHERE SITE WORKING CONDITIONS DO NOT ALLOW ADEQUATE SPACE FOR JACKING.



FOUNDATION PLAN - BASKETBALL COURT

SCALE: 1/8" = 1'-0"



REVISIONS		
ISSUED	DATE	DESCRIPTION

DESIGN ENGINEER
PO Box 2758
Santa Fe, NM 87504
1.505.983.3557

HYDROSYS/STMS KDI
880 Labor Street, Suite 200
Lakewood, CO 80401-5954
1.303.980.5327
www.hydrosystemsksdi.com

design office
landscape planning urbanism

DESIGN OFFICE
3300 Luisa Street, Suite 24
Santa Fe, NM 87505
1.505.983.1415
www.do-designoffice.com

ROMERO PARK - SITE IMPROVEMENTS

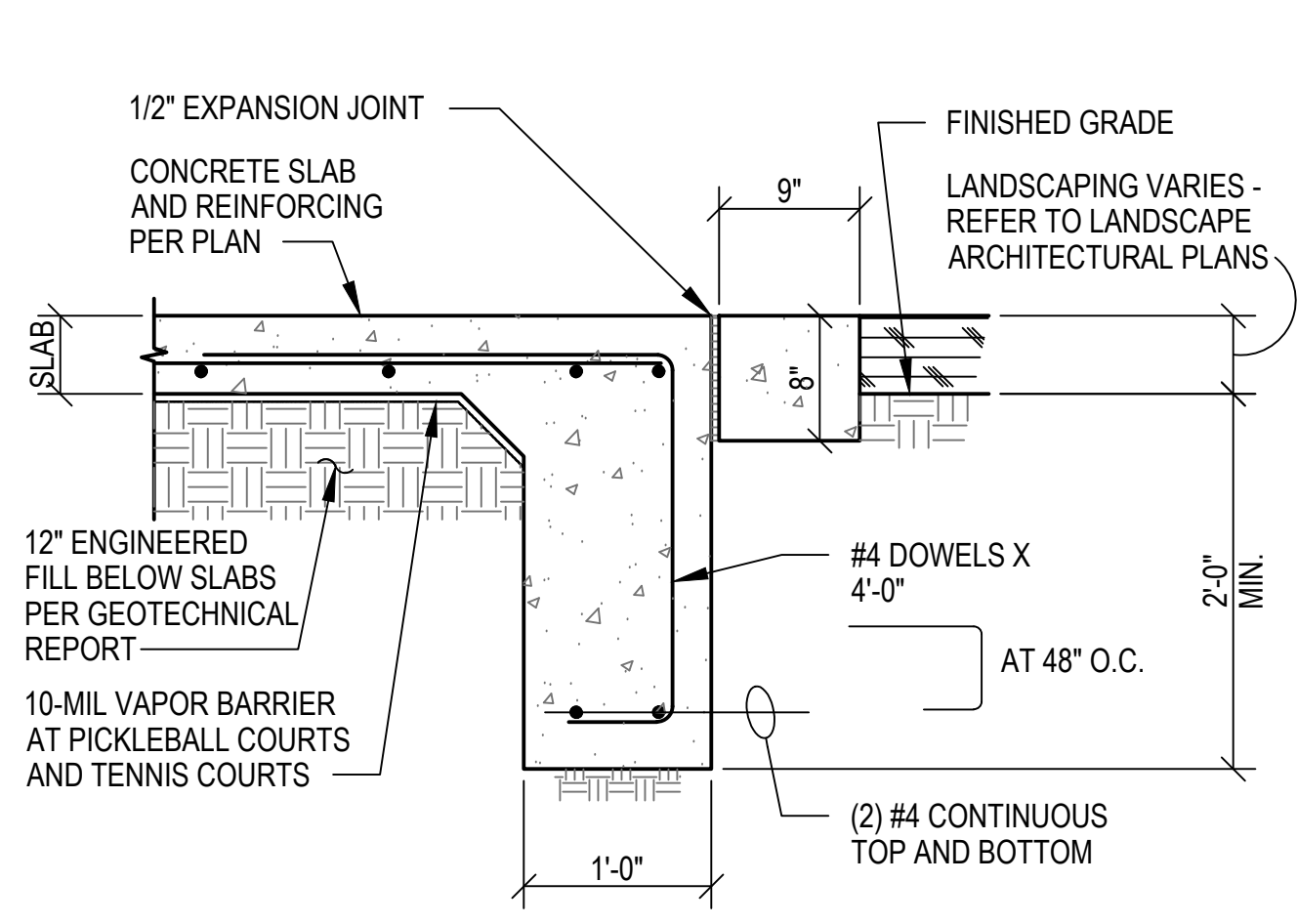
SANTA FE COUNTY

2100 CAJA DEL ORO GRANT ROAD
SANTA FE, NEW MEXICO 87507

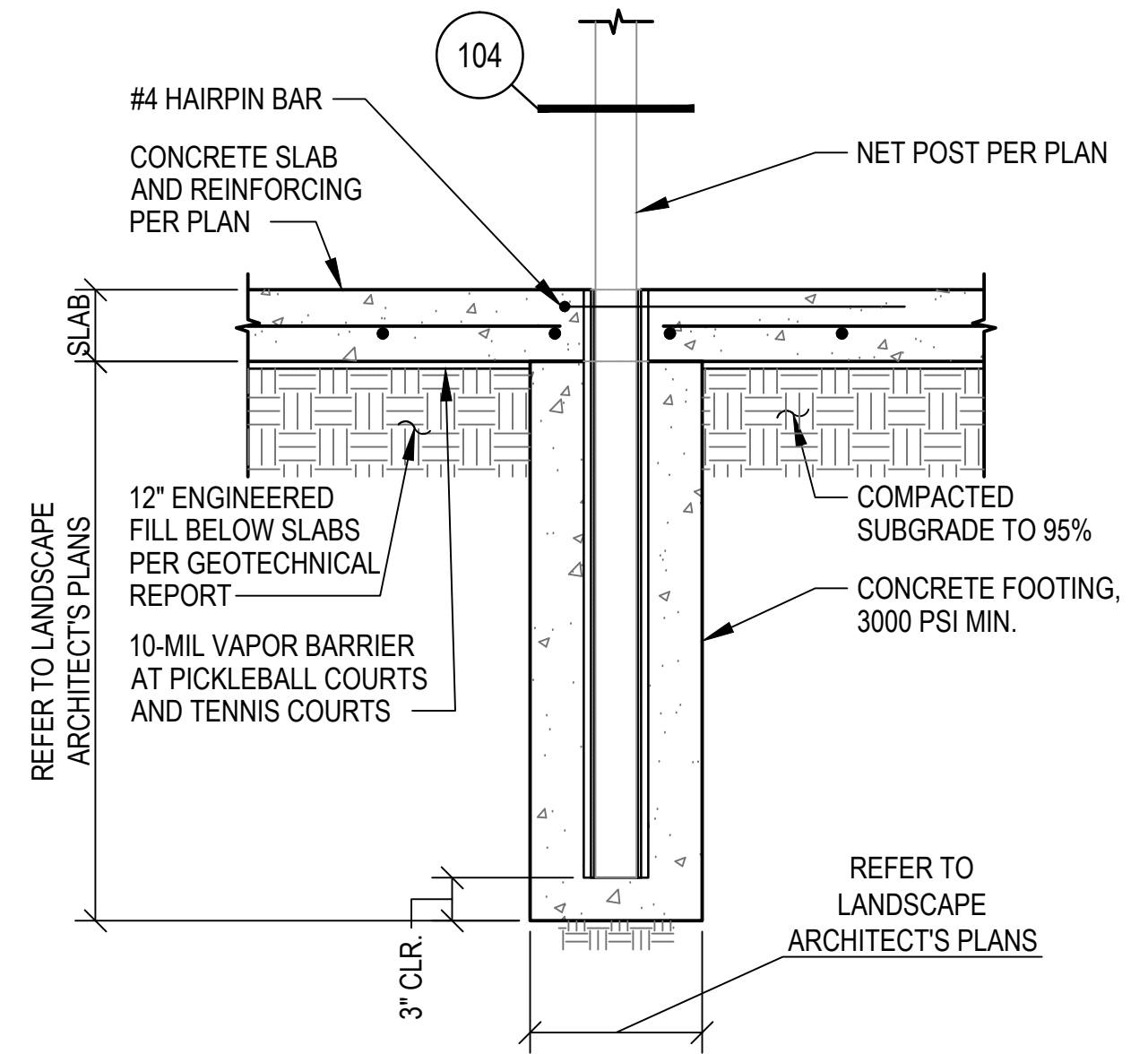
DRAWN BY CM	DATE 04.26.21
SHEET TITLE POST TENSIONED FOUNDATION PLAN BASKETBALL COURTS ADD ALT 1	
SHEET NUMBER S1.6	



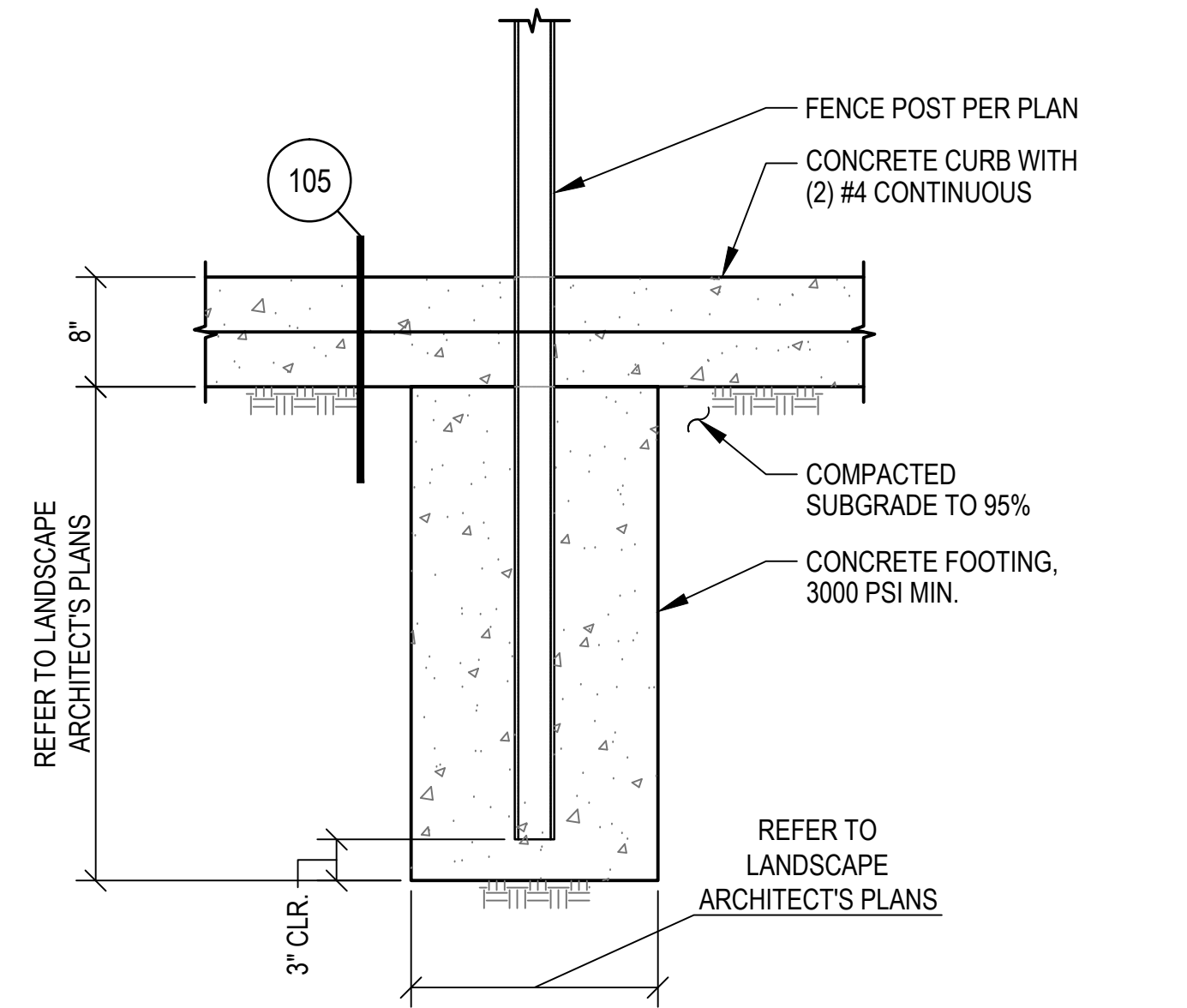
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED.



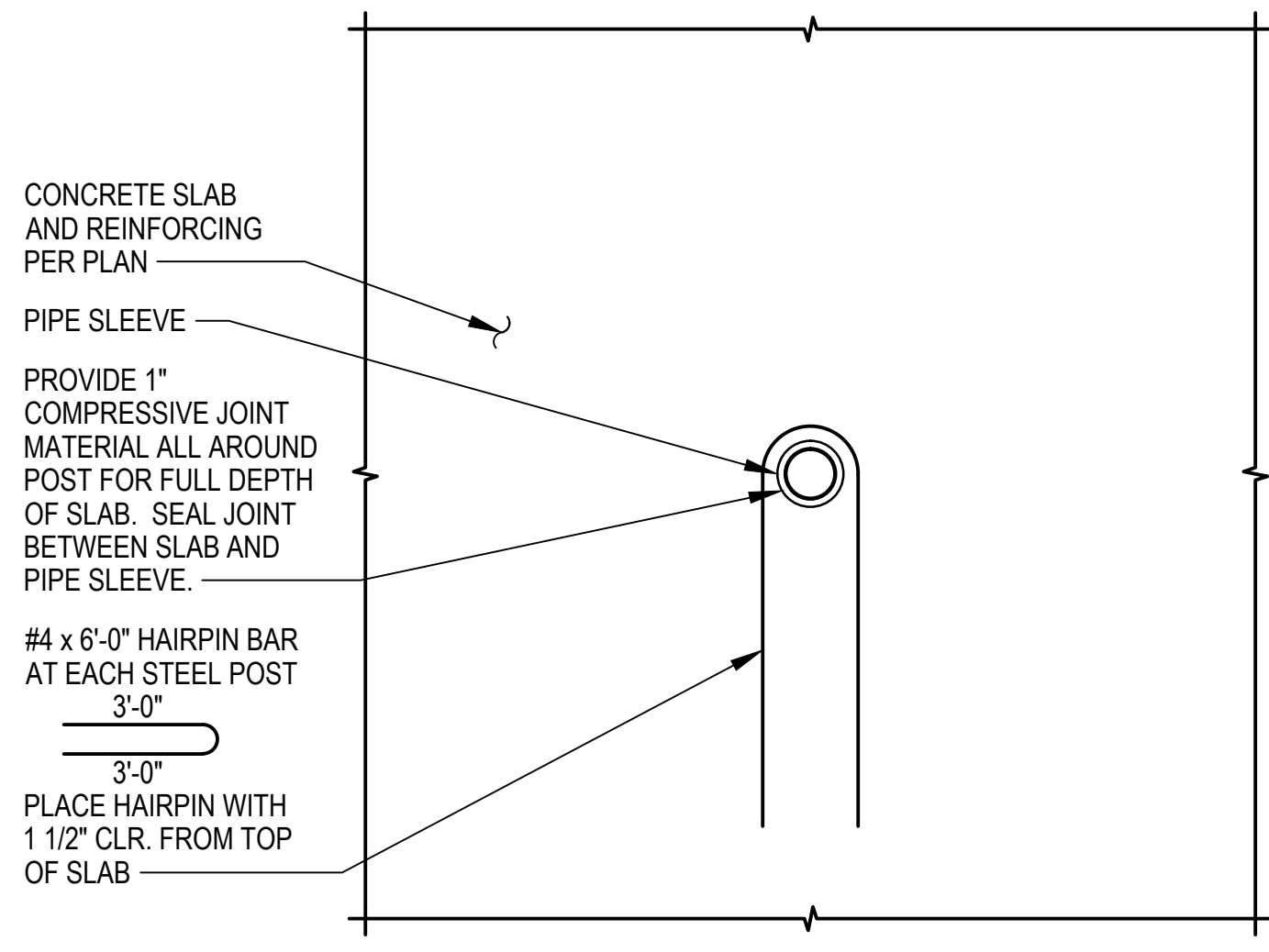
EDGE OF SLAB 101



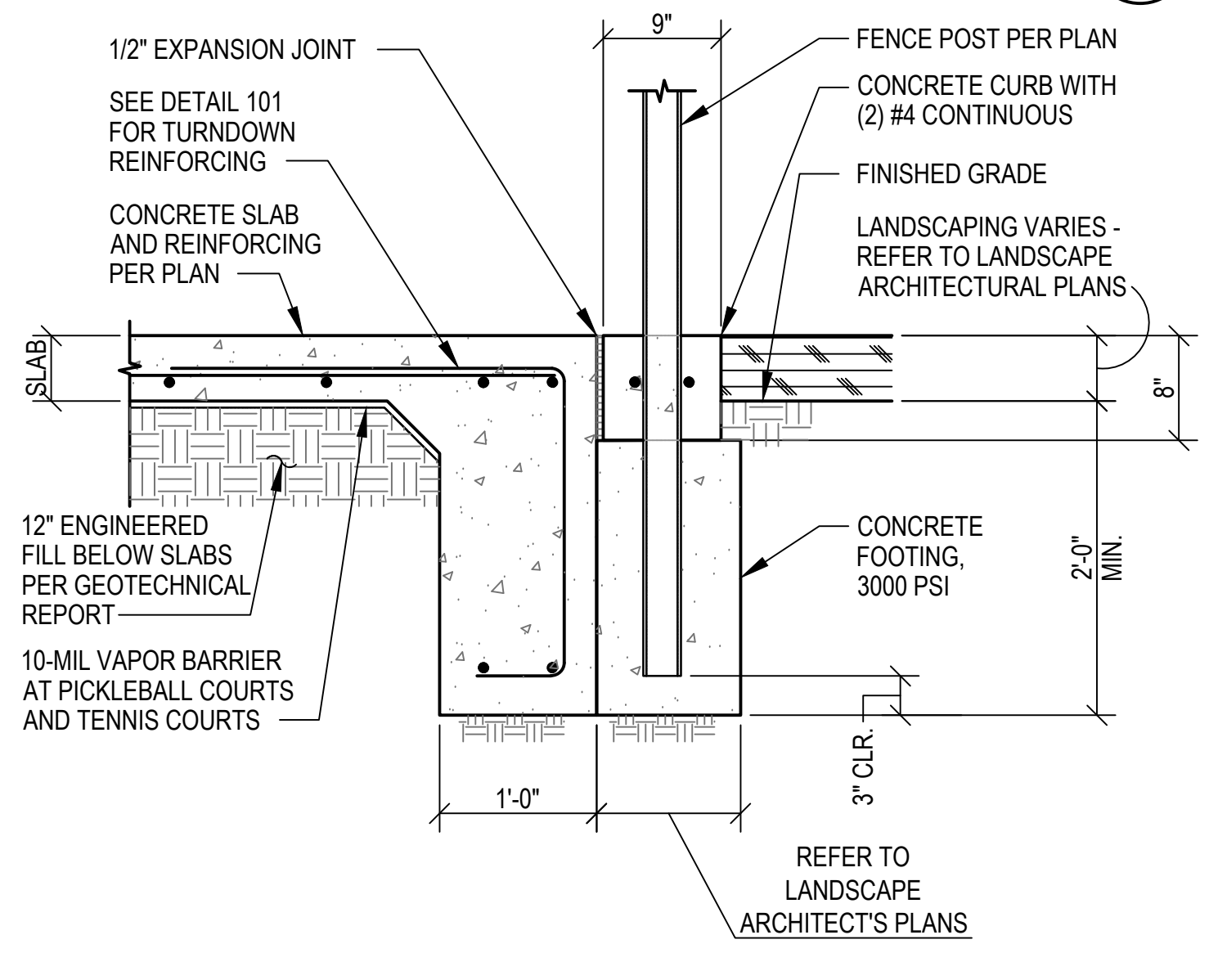
NET POST IN CONCRETE SLAB 102



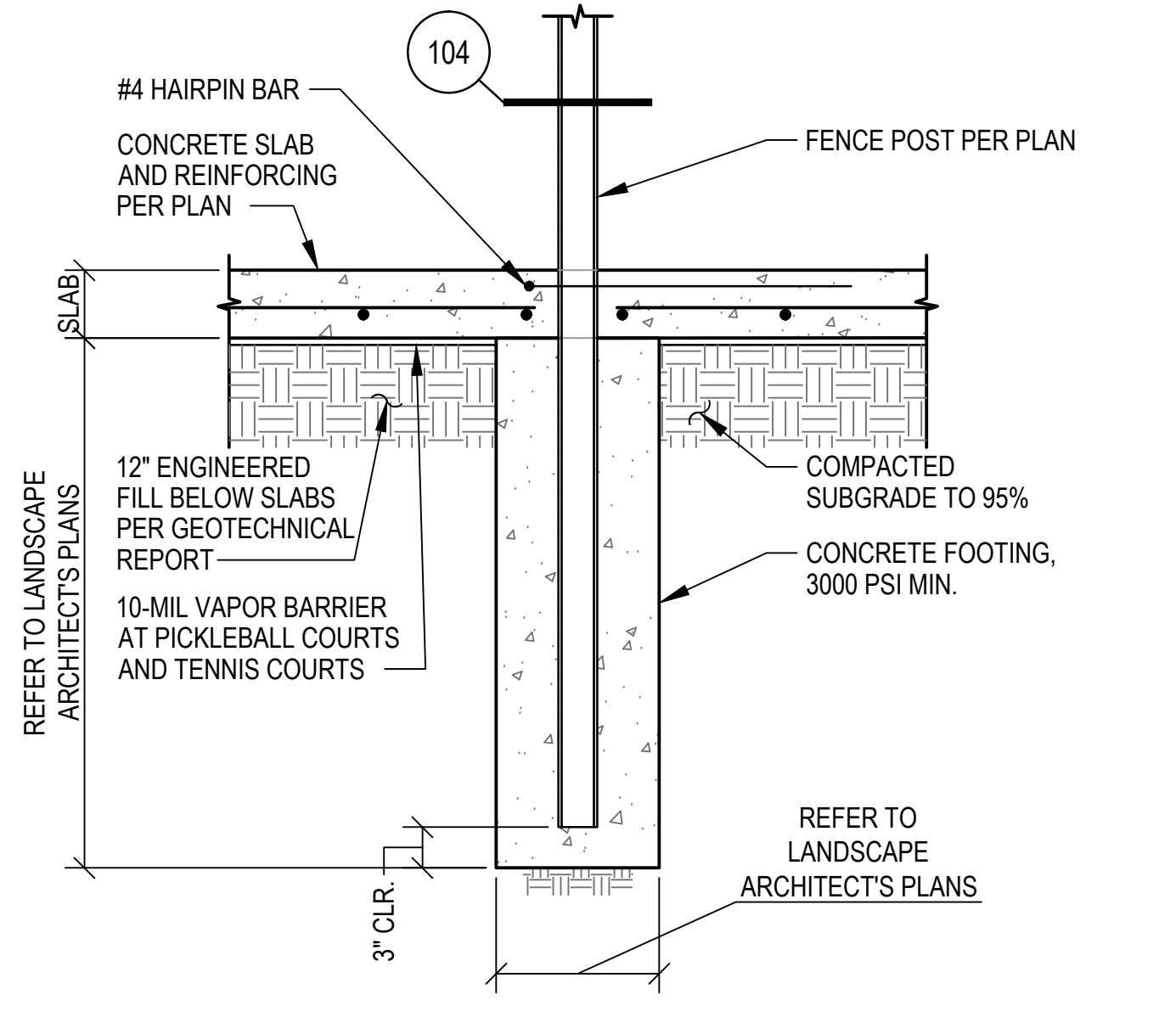
PERIMETER FENCE POST DETAIL 103



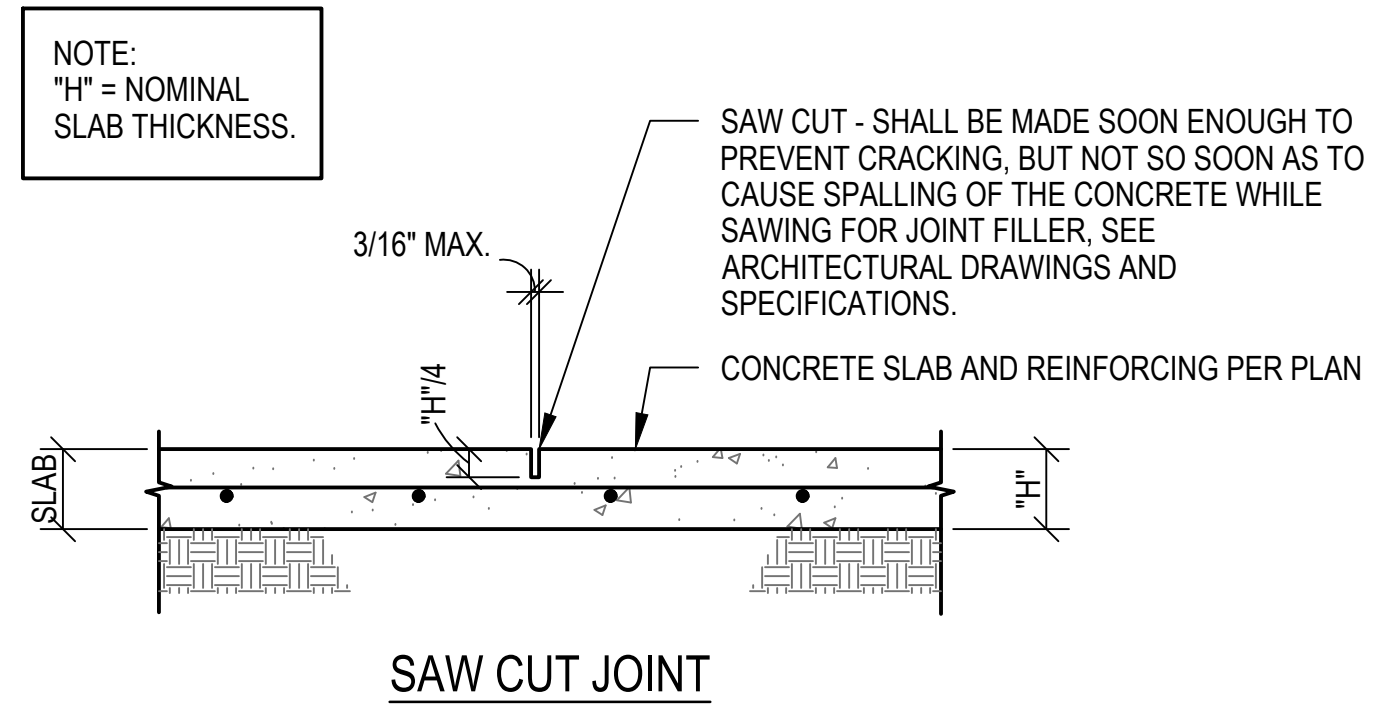
FENCE POST OR NET POST IN CONCRETE SLAB (PLAN VIEW) 104



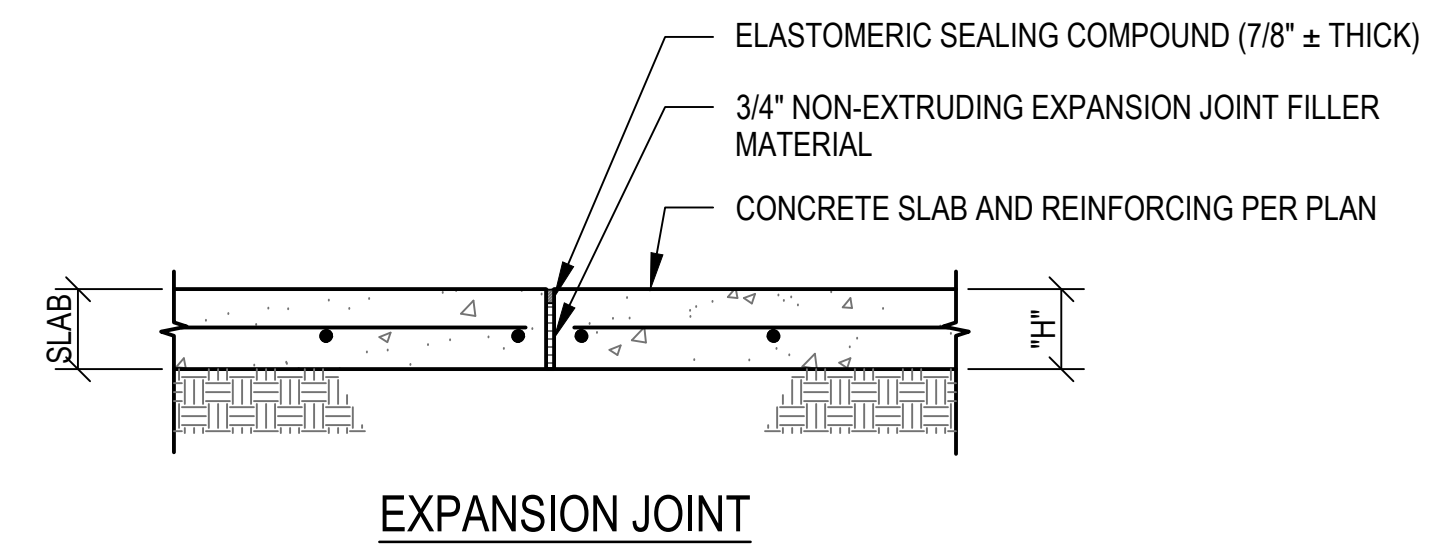
PERIMETER FENCE POST DETAIL 105



DIVIDER FENCE POST IN CONCRETE SLAB 106



CONTROL JOINT IN CONCRETE SLAB 107

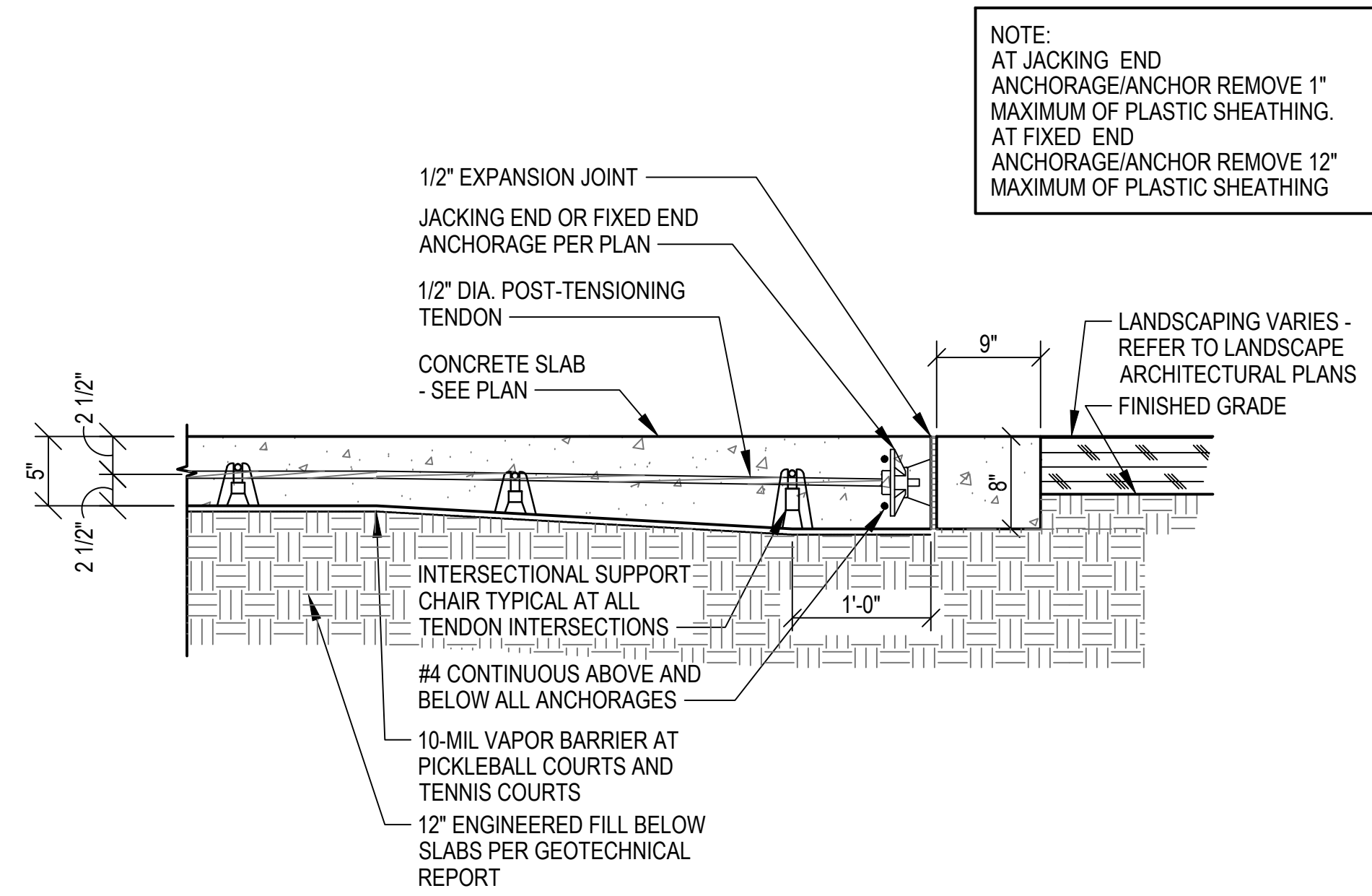


EXPANSION JOINT IN CONCRETE SLAB 108

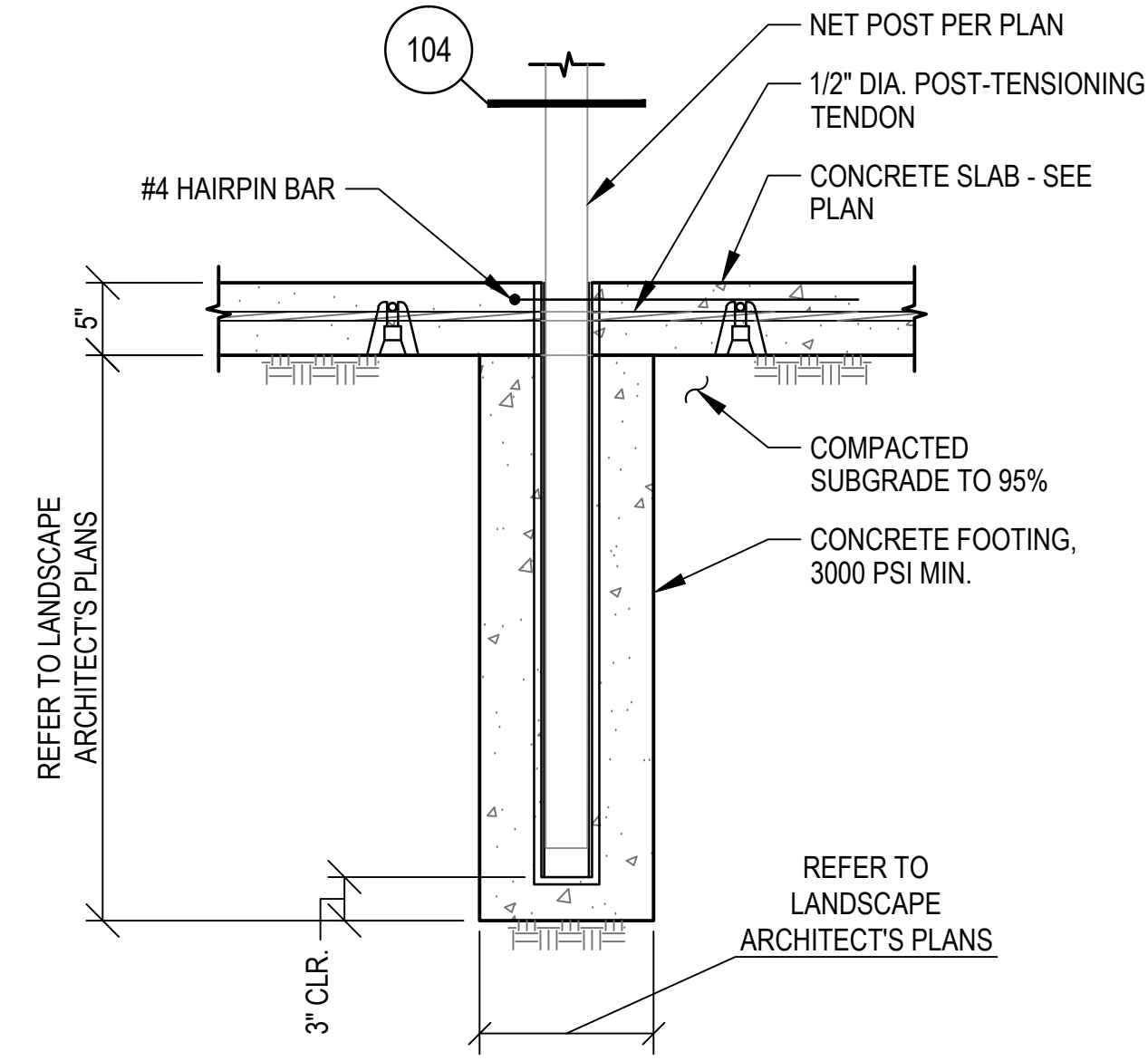
REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEER PO BOX 2758 Santa Fe, NM 87504 1-505-983-3557		
		HYDROSYS/STMS KDI 880 Tebor Street, Suite 200 Lakewood, CO 80401-5954 1-303-980-5327 www.hydrosystemsksdi.com
design office landscape planning urbanism		
DESIGN OFFICE 3000 Luisa Street, Suite 24 Santa Fe, NM 87505 1-505-983-1415 www.do-designoffice.com		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY CM	DATE 04.26.21	
SHEET TITLE FOUNDATION DETAILS FOR CONVENTIONAL SLABS		
SHEET NUMBER S2.1		



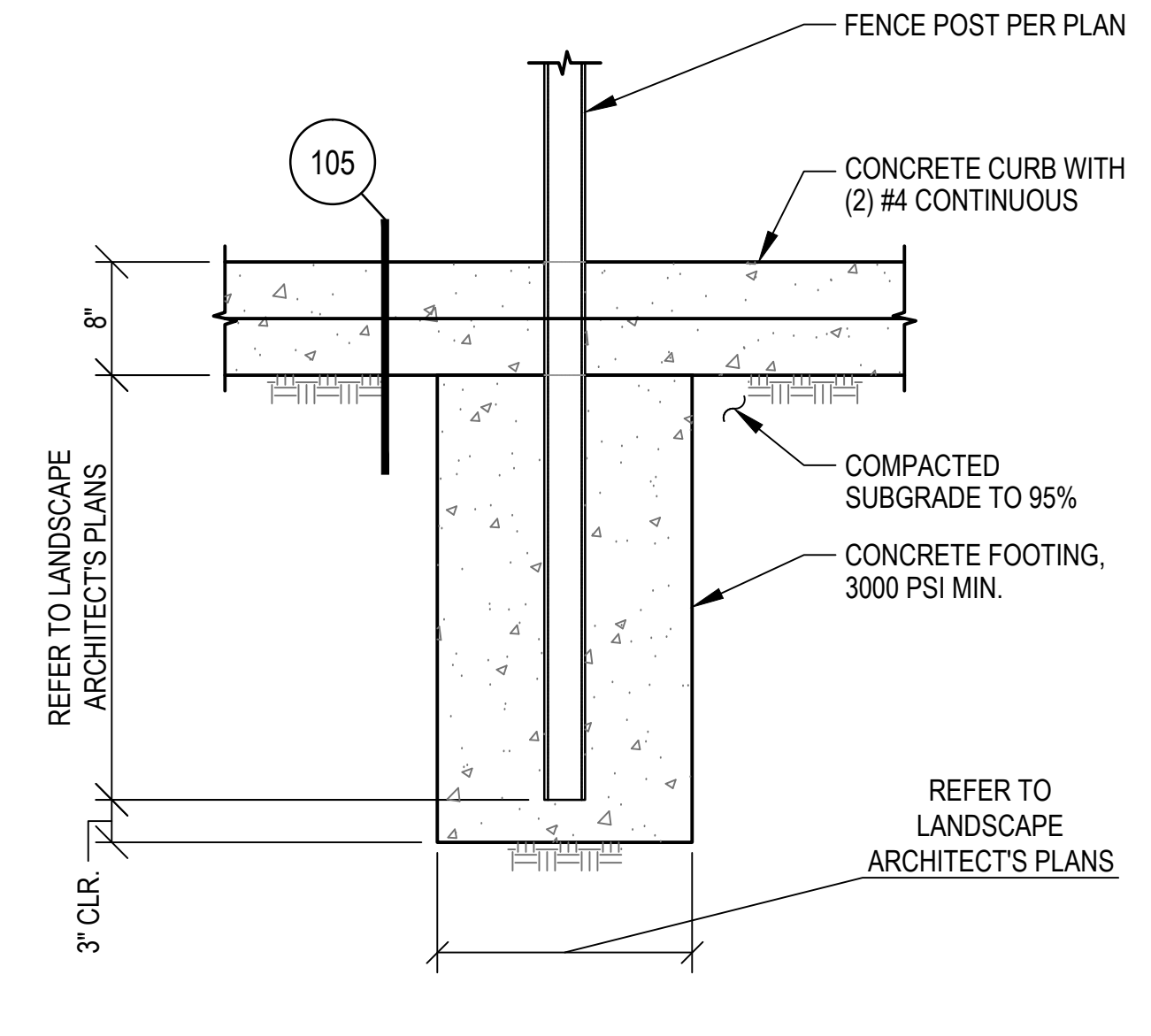
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED ©



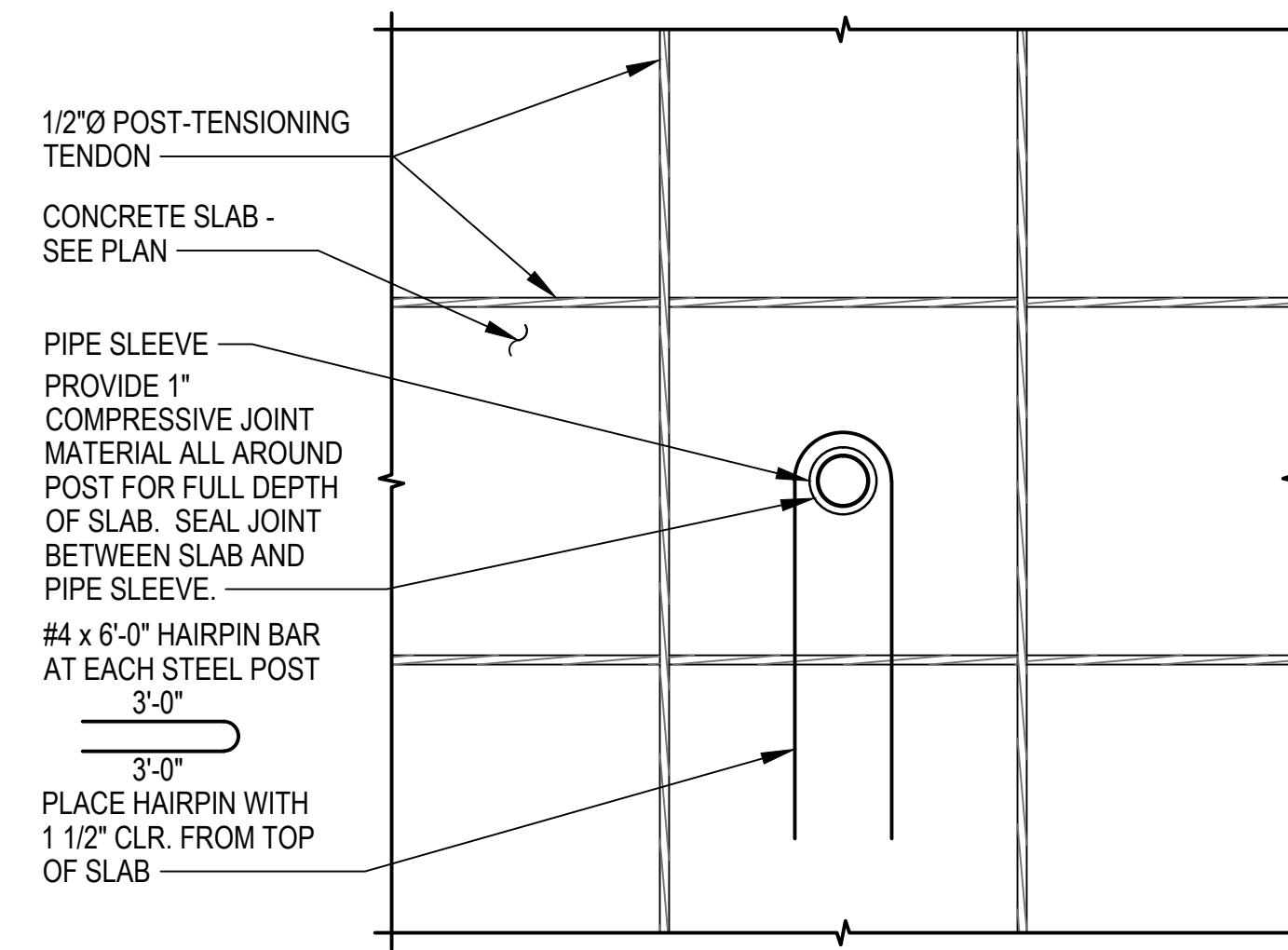
POST TENSIONED SLAB PERIMETER DETAIL 101



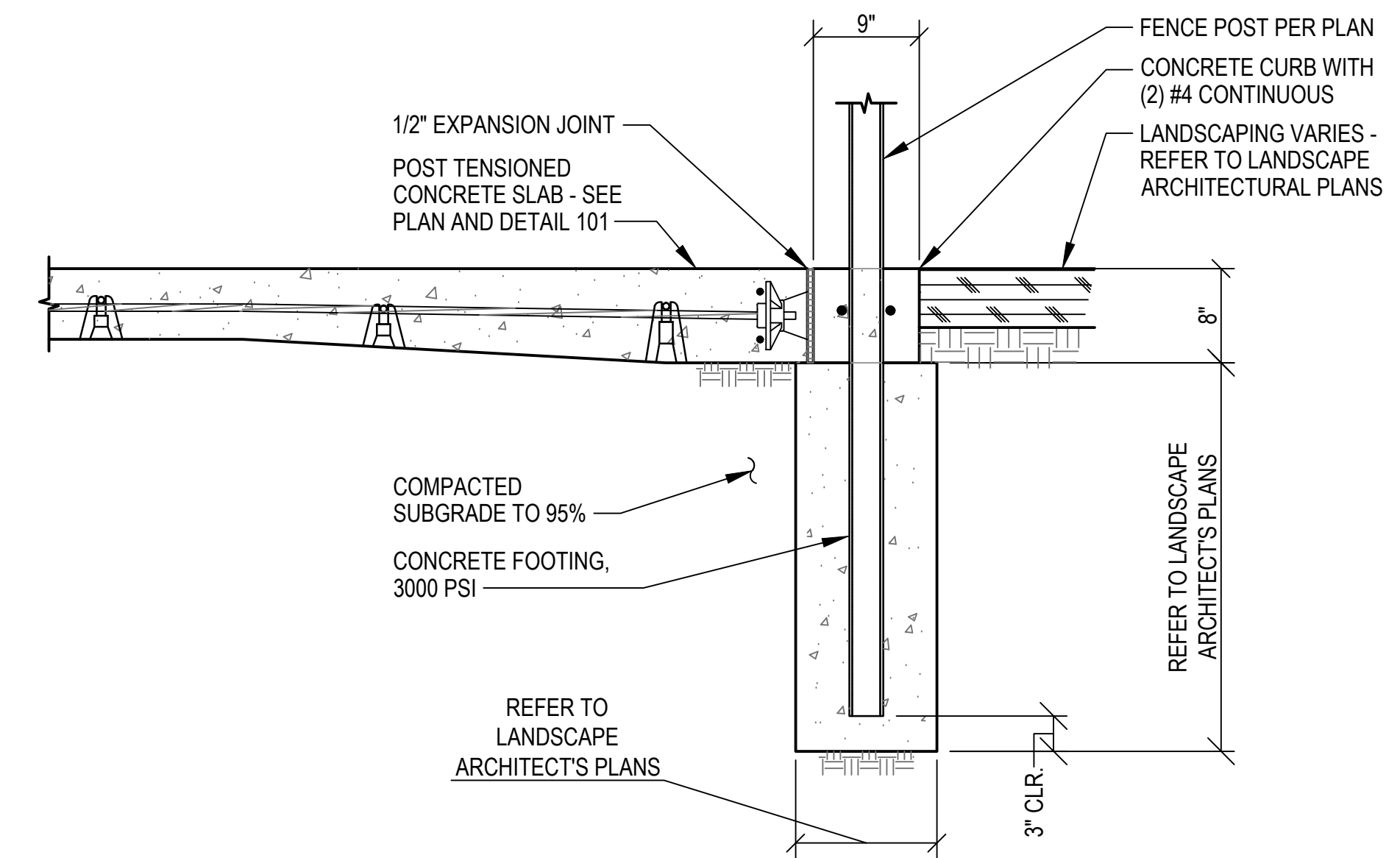
NET POST IN POST TENSIONED FOUNDATION DETAIL 102



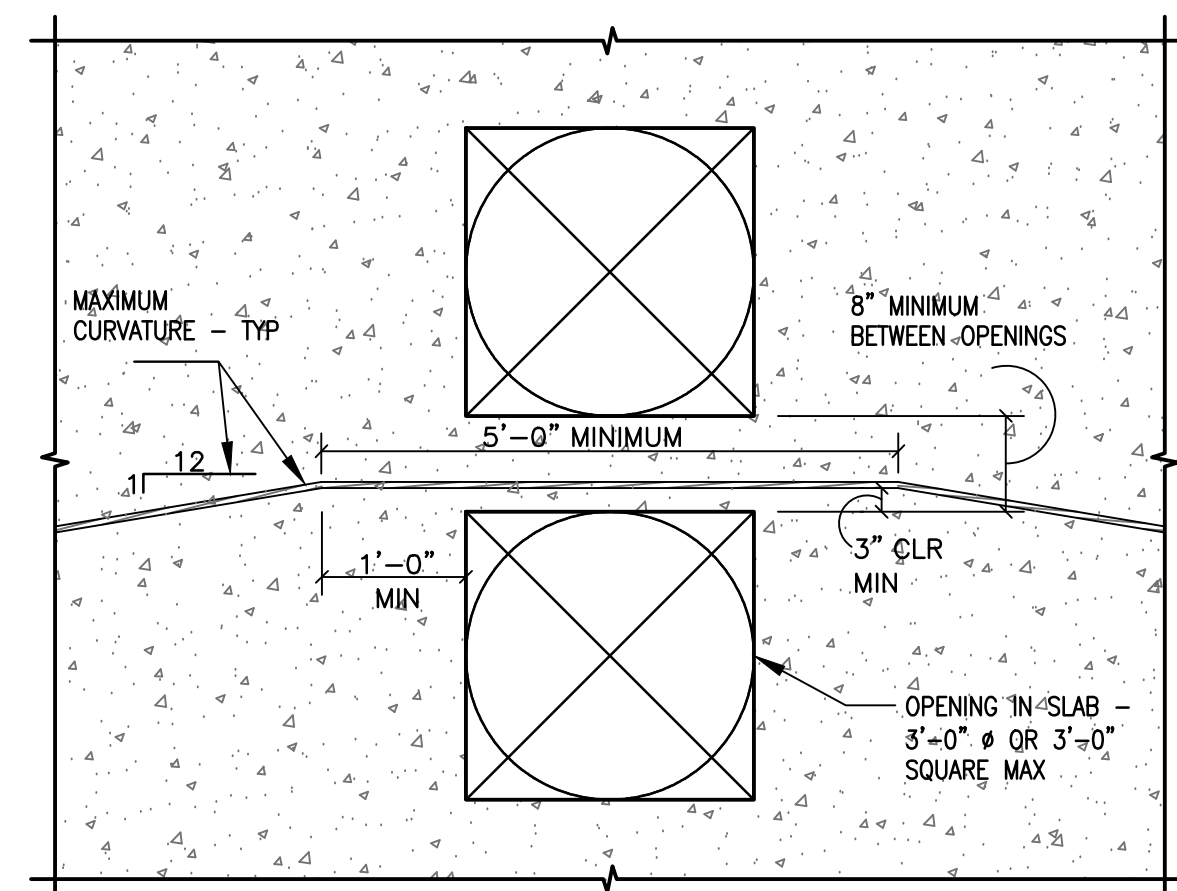
PERIMETER FENCE POST DETAIL 103



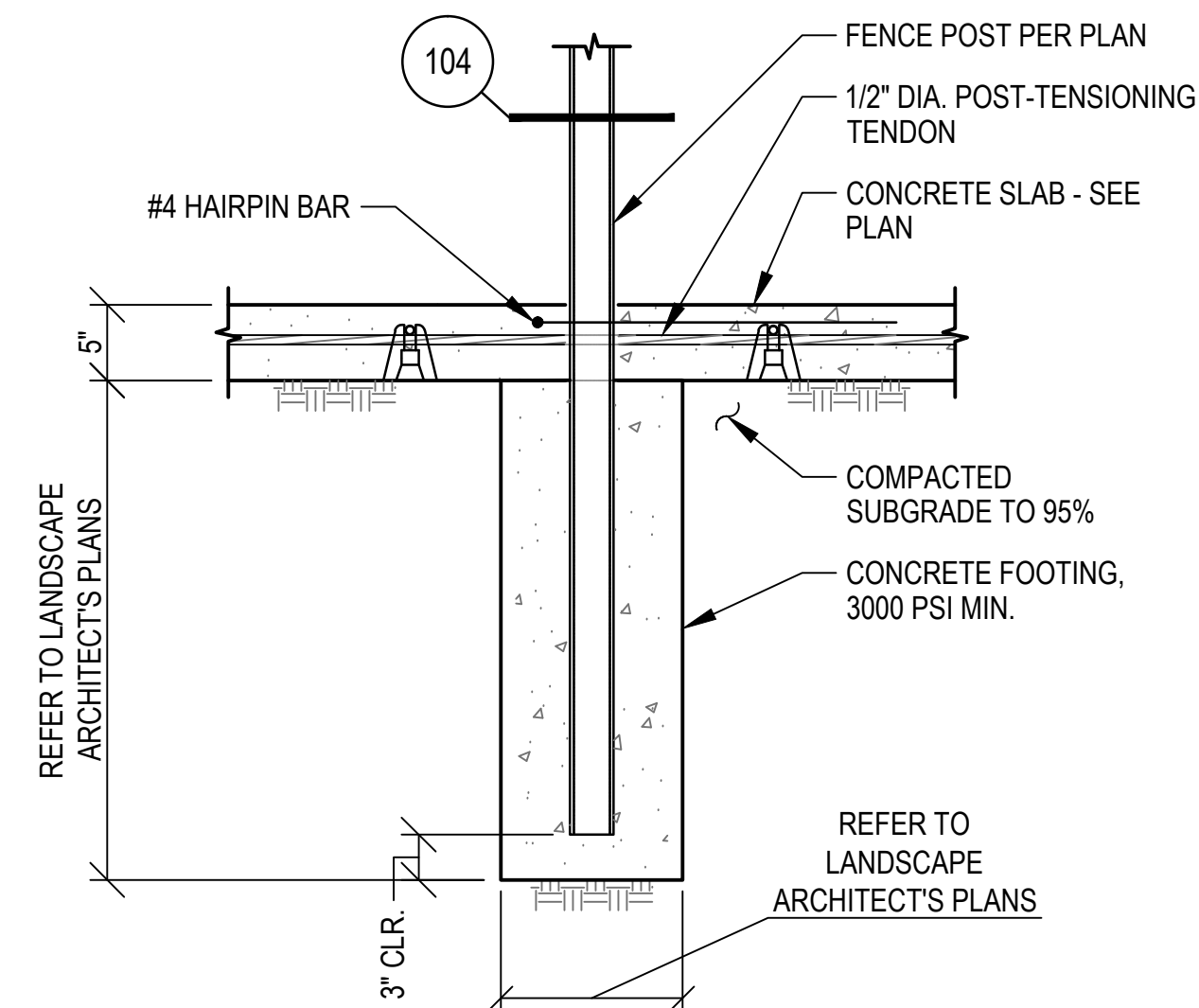
FENCE POST OR NET POST IN POST TENSIONED SLAB DETAIL (PLAN VIEW) 104



PERIMETER FENCE POST DETAIL 105



TYPICAL TENDON PLACEMENT AT OPENINGS TYPICAL DETAIL 106



DIVIDER FENCE POST IN POST TENSIONED FOUNDATION DETAIL 107

REVISIONS		
ISSUED	DATE	DESCRIPTION
DESIGN ENGINEER PO BOX 2758 Santa Fe, NM 87504 1-505-983-3557		HYDROSYSTEMS KDI 880 Tabor Street, Suite 200 Lakewood, CO 80401-5954 1-303-980-5327 www.hydrosystems-kdi.com
design office landscape planning urbanism		
DESIGN OFFICE 300 LUISIANA STREET, SUITE 24 SANTA FE, NM 87505 1-505-983-1415 www.do-designoffice.com		
ROMERO PARK - SITE IMPROVEMENTS		
SANTA FE COUNTY		
2100 CAJA DEL ORO GRANT ROAD SANTA FE, NEW MEXICO 87507		
DRAWN BY CM	DATE 04.26.21	
SHEET TITLE FOUNDATION DETAILS FOR POST TENSIONED SLABS - ADD ALT 1		
SHEET NUMBER S2.2		



THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION PURPOSES UNTIL SEALED AND SIGNED BY ENGINEER OF RECORD. REUSE OR REPRODUCTION WITHOUT WRITTEN PERMISSION IS PROHIBITED ©