

# Recreation Center Playground Tiles -FEDERALLY FUNDED BID #22/23-023 / PWP# WA-2023-147

## CITY OF SPARKS OFFICIALS

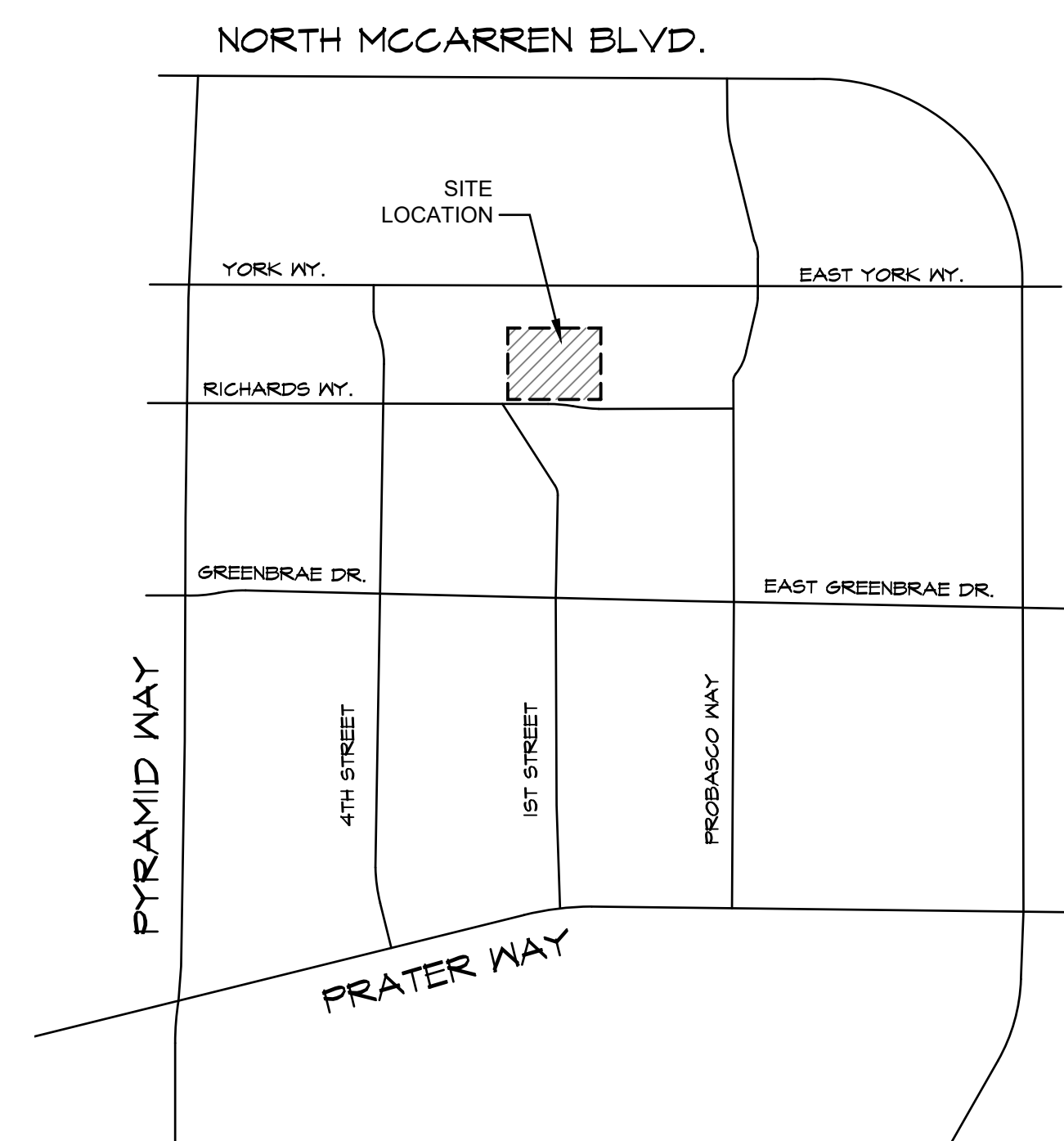
Ed Lawson	Mayor
Donald Abbott	Council Member Ward 1
Dian VanderWell	Council Member Ward 2
Paul Anderson	Council Member Ward 3
Charlene Bybee	Council Member Ward 4
Kristopher Dahir	Council Member Ward 5
Neil C. Krutz	City Manager

## DESIGNED FOR

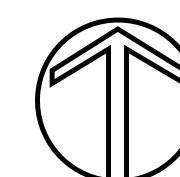


**CITY OF SPARKS**  
 98 Richards Way  
 Sparks, NV 89431

Tony Pehle, Parks and Recreation Director



NOT TO SCALE



## SHEET INDEX

### L.A. STUDIO NEVADA SHEETS

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- L2 - EXISTING CONDITIONS
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- L4 - CONSTRUCTION DETAILS
- L5 - MFG'S DOCUMENTS

### ODYSSEY ENGINEERING SHEETS

- 1 DEMO PLAN
- 2 SITE PLAN
- 3 GRADING PLAN
- 4 DETAIL SHEET

## PARKS COORDINATOR

**CITY OF SPARKS**  
 Brandon Miles  
 431 Prater Way  
 Sparks, NV 89431  
 (775) 762-5416

## LANDSCAPE ARCHITECT

**L.A. STUDIO NEVADA, LLC**  
 1552 C Street  
 Sparks, NV 89431  
 (775) 323-2223

## CIVIL ENGINEER

**ODYSSEY ENGINEERING, INC.**  
 895 Roberta Lane, Suite 104  
 Sparks, NV 89431  
 (775) 359-3303



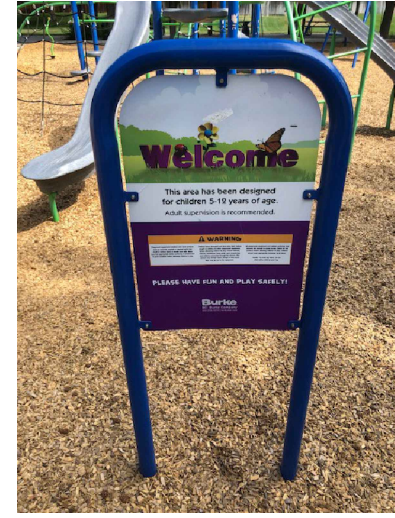
Cover Sheet  
**Recreation Center Playground**  
**FEDERALLY FUNDED**  
 98 Richards Way  
 Sparks

No.	Revision Date

LA No: 251-SIO-04-22  
 Designed: RPH  
 Drawn: KMK  
 Checked: RPH  
 Date: 12/19/2022



PLAYGROUND IMAGES



1 5-12 YEAR SIGN



2 SWIFT TWIST SPINNER #1



3 DYNAMIC SURFER



4 5-12 YEAR PLAY STRUCTURE



5 SWIFT TWIST SPINNER #2



6 COMET I



7 SWING



8 2-5 YEAR SIGN



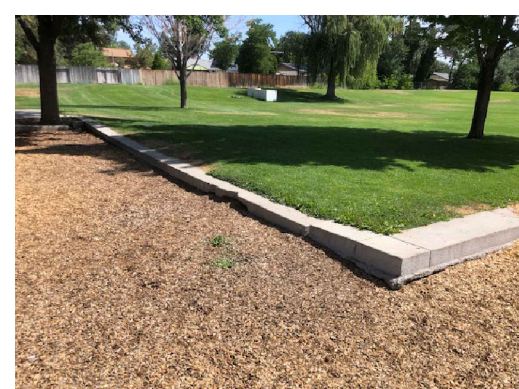
9 BALANCE BEAM



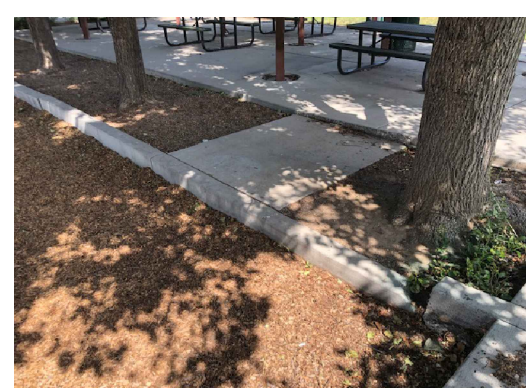
10 2-5 YEAR PLAY STRUCTURE



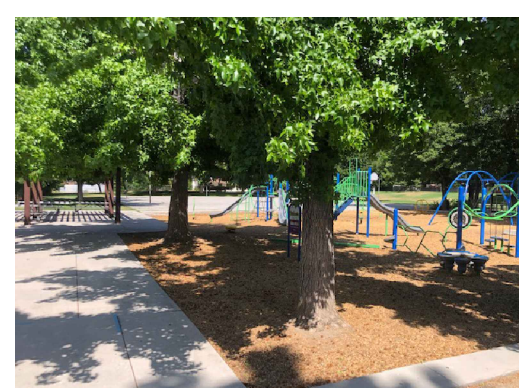
11 2-12 YEAR SLIDE



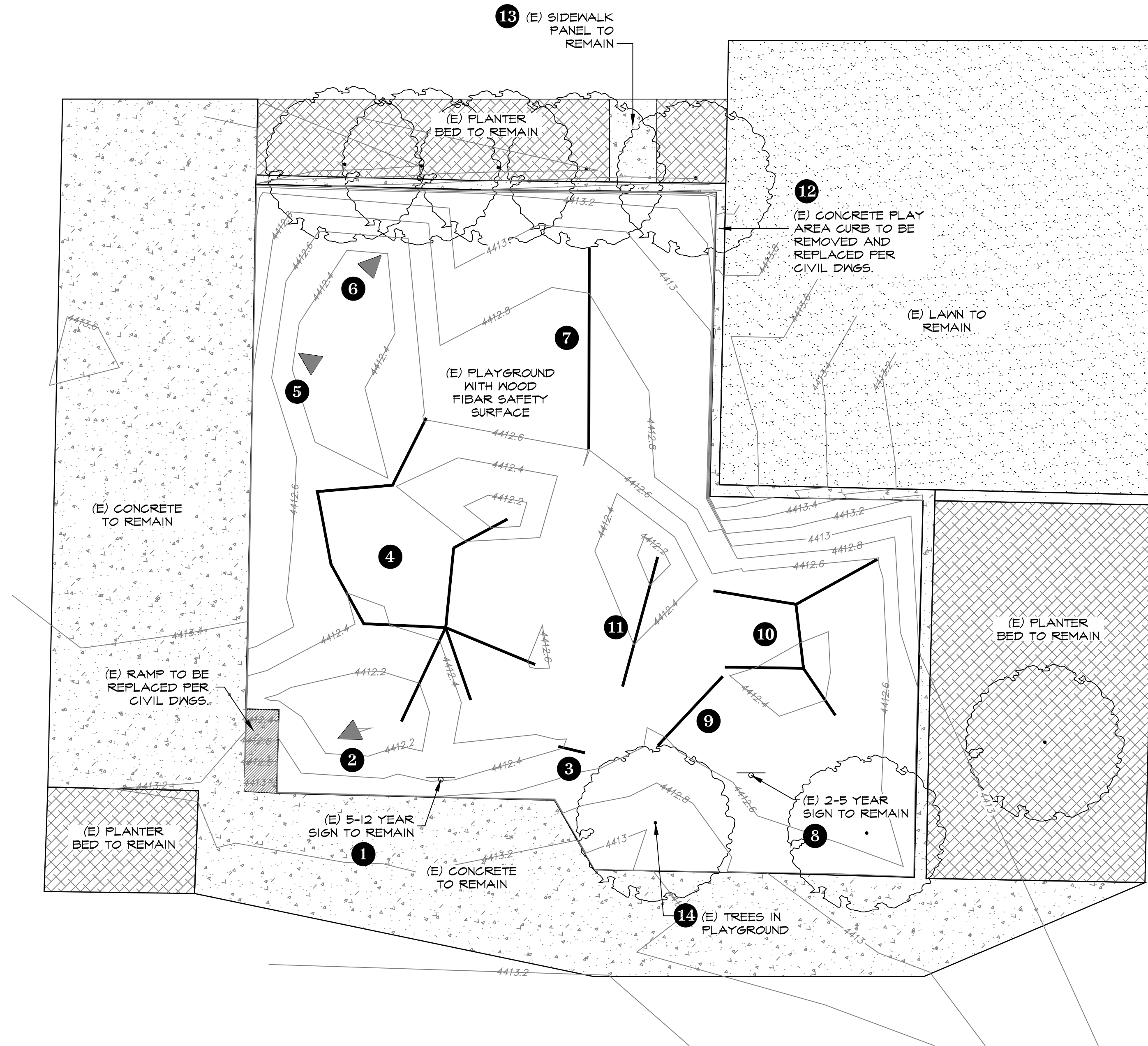
12 (E) CONCRETE CURB



13 (E) SIDEWALK PANEL



14 (E) TREES IN PLAYGROUND



EXISTING CONDITIONS

NOTE: PROTECT IN PLACE ALL EXISTING PLAY EQUIPMENT. IF ANY EQUIPMENT IS DAMAGED DURING CONSTRUCTION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.

EXISTING LAWN: PROTECT IN PLACE

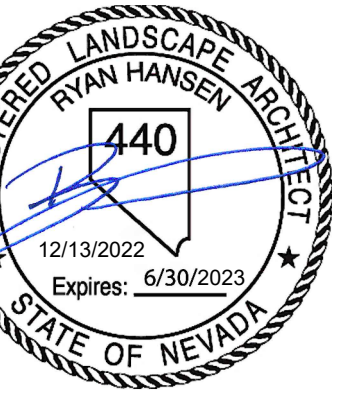
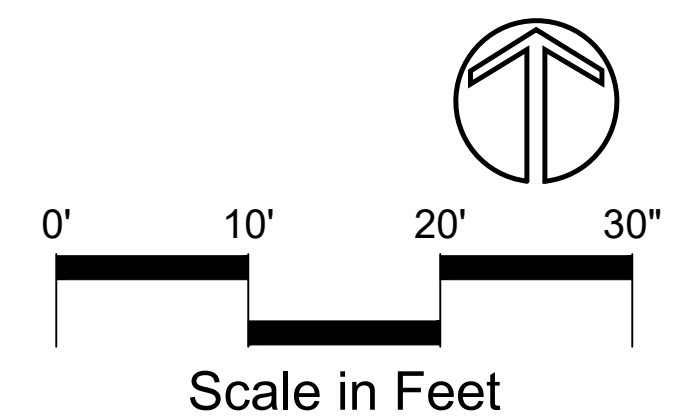
EXISTING CONCRETE SIDEWALK/CURBING: PROTECT IN PLACE EXCEPT WHERE DESIGNATED FOR REMOVAL.

EXISTING PLANTER BED: PROTECT IN PLACE

REMOVE AND DISPOSE EXISTING SAFETY SURFACING (WOOD FIBER).

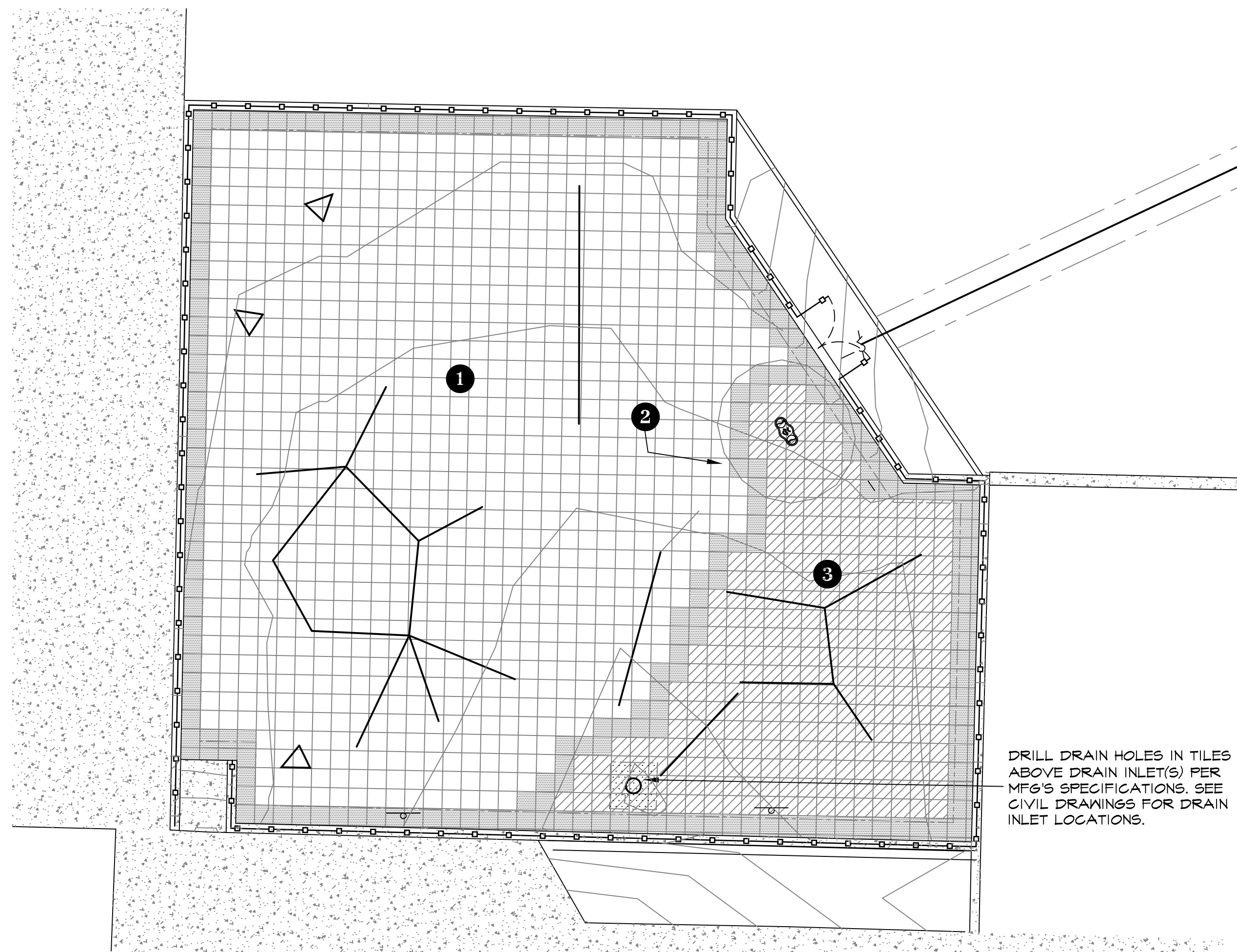
EXISTING DECIDUOUS TREE: PROTECT IN PLACE.

**811**  
Know what's below.  
Call before you dig.



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LA No: 251-SIO-04-22  
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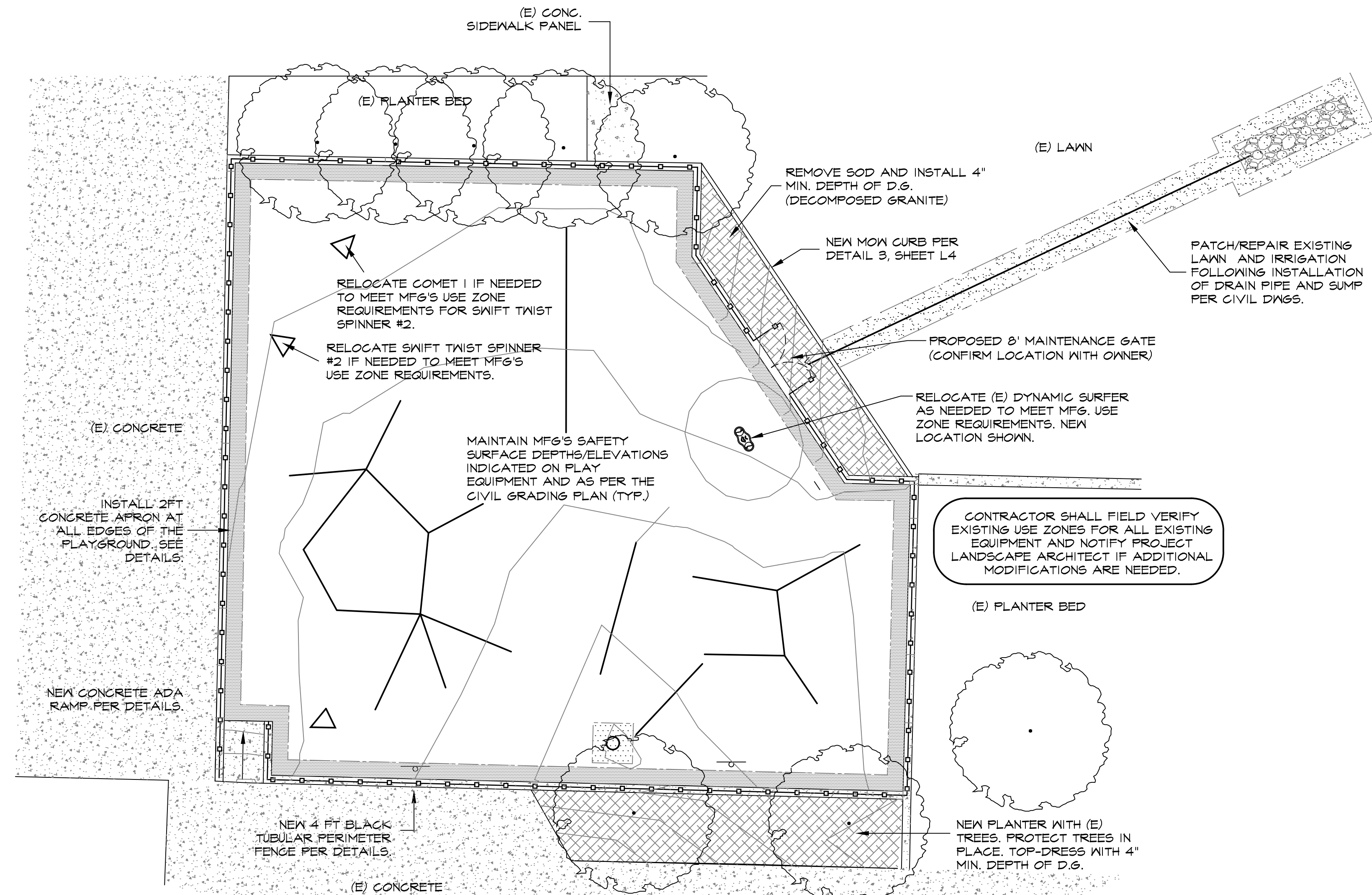


**SAFETY TILE PLAN**

EXISTING WOOD FIBER SAFETY SURFACE TO BE REPLACED, PER PLANS AND DETAILS, WITH RUBBER TILE FALL SAFETY SURFACE AS FOLLOWS:

- TILE TYPE: *sofSURFACES*, DURASAFE 2' X 2' INTERLOCKING RUBBER TILES. COLOR AS LISTED BELOW.
- TILES SHALL HAVE 10 FT CRITICAL FALL HEIGHT RATINGS (5.00' TILE HEIGHT).
- CONTRACTOR TO PROVIDE 2% EXTRA (EACH COLOR) AND TURN OVER TO THE CITY AT THE COMPLETION OF CONSTRUCTION.

- 1 5-12 YEAR OLD PLAY AREA  
COLOR: DURASAFE PREMIUM45 'AZURE'
- 2 TRANSITION AREA  
COLOR: DURASAFE PREMIUM45 'SANGRIA'
- 3 2-5 YEAR OLD PLAY AREA  
COLOR: DURASAFE PREMIUM45 'EMERALD GREEN'



NOTE: USE ZONES BASED ON EXISTING INFORMATION PROVIDED BY OWNER AND MANUFACTURER. CONTRACTOR TO FIELD VERIFY PRIOR TO START OF CONSTRUCTION.

**GENERAL NOTES:**

- ALL WORK SHALL BE COMPLETED IN COMPLIANCE WITH THE LATEST EDITION OF THE MOST CURRENT CITY OF SPARKS STANDARDS.
- PLAYGROUND EQUIPMENT AND PROTECTIVE FALL SAFETY SURFACE TO CONFORM TO ALL PLAY AREA SAFETY RECOMMENDATIONS PER THE LATEST ADA DESIGN STANDARDS, CONSUMER PRODUCT SAFETY COMMISSION, AND ASTM STANDARDS.

- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- U.S. CONSUMER PRODUCT SAFETY COMMISSION - "PUBLIC PLAYGROUND SAFETY HANDBOOK"
- ASTM F1242-11 IMPACT ATTENUATION OF SURFACING MATERIALS WITHIN THE USE ZONE OF PLAYGROUND EQUIPMENT
- ASTM F1951-11 TEST METHOD FOR ACCESSIBILITY ON SAFETY SURFACING FOR PLAYGROUNDS
- ASTM F2223-11 GUIDE FOR ASTM STANDARDS ON PLAYGROUND SURFACING

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBSERVE AND VERIFY ALL CONDITIONS PRIOR TO INSTALLATION OF FALL SAFETY PROTECTIVE SURFACING. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE CITY PRIOR TO INSTALLATION AND SHALL BE CORRECTED BY THE CONTRACTOR PRIOR TO FINAL LAYOUT OF FALL SAFETY PROTECTIVE SURFACING. ANY DISCREPANCIES NOT CORRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT AT NO ADDITIONAL COST TO THE CITY.

**PLAY EQUIPMENT NOTES:**

- ALL PLAY EQUIPMENT INSTALLATION AND/OR REPAIRS SHALL BE INSTALLED BY A CURRENT NEVADA LICENSED CONTRACTOR THAT HOLDS A CURRENT C25 LICENSE FOR PLAYGROUND INSTALLATIONS.
- INSTALL ALL PLAYGROUND EQUIPMENT OR REPLACEMENT PARTS PER MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDELINES.
- CONTRACTOR TO NOTIFY CITY REPRESENTATIVE OF FINAL PLAYGROUND USE ZONE LAYOUT 48 HOURS PRIOR TO CONCRETE INSTALLATION FOR REVIEW AND APPROVAL. IF THERE IS NO WRITTEN APPROVAL FROM A CITY REPRESENTATIVE AND ANY DISCREPANCIES ARE FOUND, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMEDY THE ITEMS AT NO EXPENSE TO THE CITY.

**FALL SAFETY PROTECTIVE SURFACE NOTES:**

- RUBBER TILE FALL SAFETY PROTECTIVE SURFACE SHALL BE INSTALLED PER *sofSURFACES* RESILIENT INTERLOCKING RUBBER TILE MANUFACTURER'S SPECIFICATIONS, RECOMMENDATIONS, AND SAFETY INSTRUCTIONS.
- DO NOT APPLY ADHESIVE AND TILES TO CONCRETE WHEN THE CONCRETE SURFACE TEMPERATURES OR ATMOSPHERE TEMPERATURE ARE LESS THAN THE RECOMMENDED TEMPERATURE PER MANUFACTURER'S SPECIFICATIONS.
- IT IS RECOMMENDED THAT ALL PROPOSED PLAY EQUIPMENT, FALL SAFETY PROTECTIVE SURFACE, AND EQUIPMENT USE ZONES BE INSPECTED BY A CERTIFIED PLAYGROUND SAFETY INSPECTOR (GPSI) DURING ALL STAGES OF CONSTRUCTION TO ENSURE THAT THE PLAYGROUND WILL CONFORM TO ALL ASTM AND CPSC STANDARDS.
- PLAYGROUND MUST CONFORM TO STANDARDS AND A FINAL PLAYGROUND SAFETY AUDIT MUST BE COMPLETED PRIOR TO ACCEPTANCE BY THE CITY (SEE FINAL INSPECTION NOTE).

**GENERAL CONCRETE NOTES:**

- BASE AGGREGATE.
- CONTRACTOR TO FIELD VERIFY EXISTING SUBGRADE SOILS FOLLOWING PLAY BARK SAFETY SURFACE REMOVAL. CONTRACTOR TO ENSURE A 4" MINIMUM DEPTH OF COMPACTED BASE AGGREGATE UNDER ALL CONCRETE AND/OR RUBBER TILES AS PER THE INSTALLATION DETAILS. EXCAVATE ADDITIONAL SUBGRADE SOILS IF NEEDED TO MEET THE 4" MINIMUM DEPTH. IF THE EXISTING SUBGRADE DEPTH REQUIRES ADDITIONAL FILL MATERIAL CONTRACTOR SHALL INSTALL TYPE II BASE AGGREGATE AS REQUIRED TO FILL THE AREAS TO MEET PROPOSED ELEVATIONS. INSTALL BASE AGGREGATE IN 4" LIFTS AND COMPACT TO 95% RELATIVE COMPACTION.

- GENERAL CONCRETE.
- ALL REMOVED CONCRETE SHALL BE PROPERLY DISPOSED OF LEGALLY OFF-SITE.
- CURE SHALL CONFORM TO SPWPC (LATEST EDITION)
- EXPANSION JOINTS TO BE INSTALLED ON ALL CONCRETE FLATWORK PER CITY OF SPARKS CURRENT STANDARDS

- SIDEWALK CONCRETE NOTES.
- FINISH CONCRETE TO BE BROOM FINISH FOR CONCRETE ADA RAMP AND CONCRETE PLAY AREA CURB WITH THICKENED EDGE. DO NOT INSTALL BROOM FINISH ON CONCRETE PAD BELOW RUBBER TILE PROTECTIVE SURFACING.

**SURFACING:**

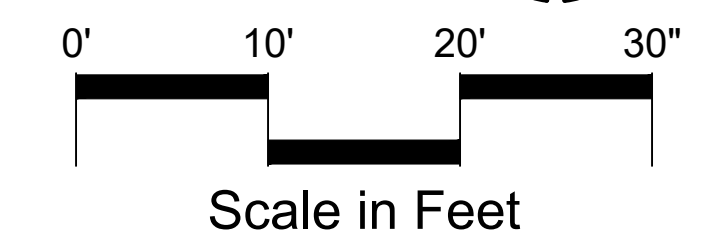
- PLAYGROUND CONCRETE NOTES.
- ALLOW CONCRETE TO CURE FOR A MINIMUM OF 14 DAYS (OR PER MANUFACTURER'S SPECIFICATIONS) BEFORE PLACEMENT OF TILES OR TILE ADHESIVE APPLICATION.
- FOR CONCRETE FLATWORK BELOW RUBBER TILE FALL SAFETY PROTECTIVE SURFACE, SAW CUT OR TROWEL JOINTS 1' DEEP (1" TO 8" ON CENTER).
- INSTALL SIKAFLEX SELF SEALING CONCRETE SEALANT IN ALL CONCRETE JOINTS ON THE CONCRETE FLATWORK LOCATED BELOW THE RUBBER TILE FALL SAFETY SURFACE.
- FINISH CONCRETE ON FLATWORK UNDER RUBBER TILE FALL SAFETY PROTECTIVE SURFACE TO BE SMOOTH TROWEL FINISH. DO NOT BROOM FINISH.
- INSTALL PLASTIC SHEETING AROUND ALL PLAY EQUIPMENT POSTS OR COMPONENTS THAT MAY ENCOUNTER CONCRETE SPLASH, PRIOR TO CONCRETE INSTALLATION.
- WASH ALL CONCRETE SPLASH AND DUST FROM THE EQUIPMENT UPON COMPLETION.

**GENERAL DRAINAGE NOTES:**

- CONTRACTOR TO SLOPE ALL CONCRETE FLATWORK AND RUBBER TILE SURFACE AT A CONTRACTOR TO SLOPE ALL CONCRETE FLATWORK AND RUBBER TILE SURFACE AT A MINIMUM SLOPE OF 1.0% (OR AS SPECIFIED) TO ALL DRAIN INLETS AND DRAIN CATCH BASINS.
- CONTRACTOR TO SLOPE THE SCH 40 PVC DRAIN PIPE MINIMUM 1.0% TO THE DRAIN CONTRACTOR TO SLOPE THE SCH 40 PVC DRAIN PIPE MINIMUM 1.0% TO THE DRAIN SUMP LOCATION.

**IMPROVEMENT PLAN**

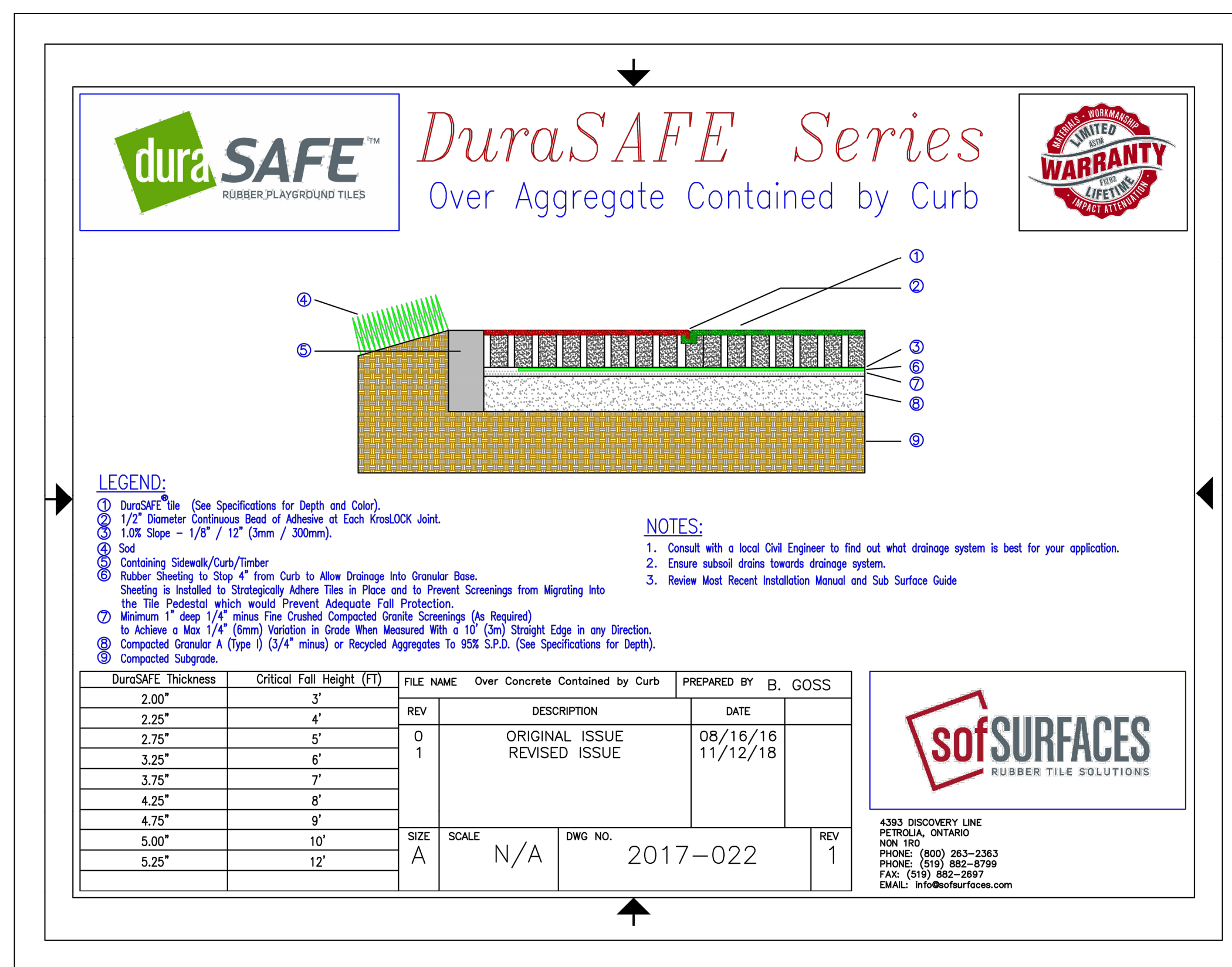
NOTE: PROTECT IN PLACE ALL EXISTING PLAY EQUIPMENT THAT IS NOT SPECIFIED FOR REMOVAL. IF ANY EQUIPMENT IS DAMAGED DURING CONSTRUCTION IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.



No.	Revision Date

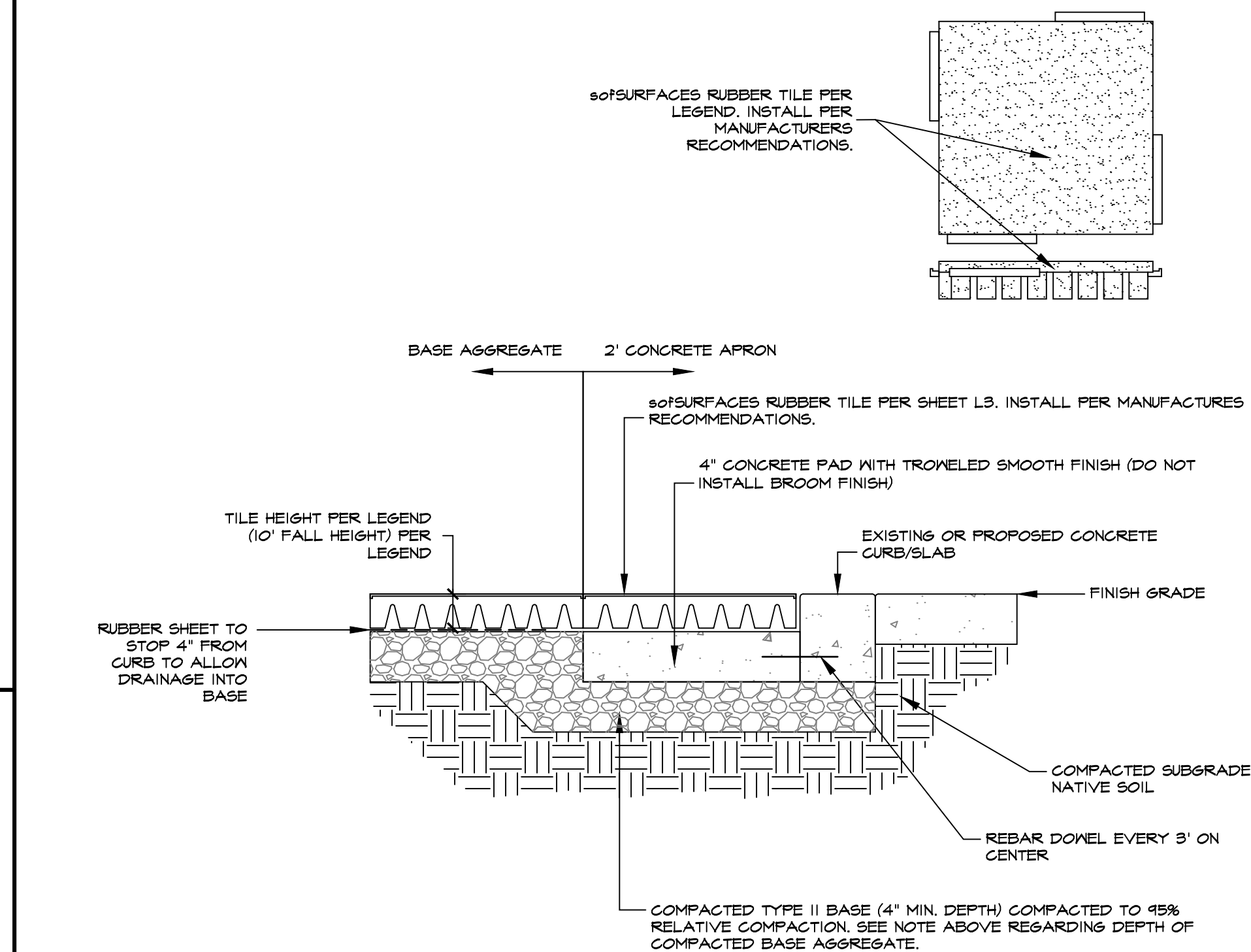
LA No:	251-510-04-22
Designed:	RWH
Drawn:	KMK
Checked:	RWH
Date:	12/15/2022





**4 DURASAFE RUBBER TILE SOLUTIONS**

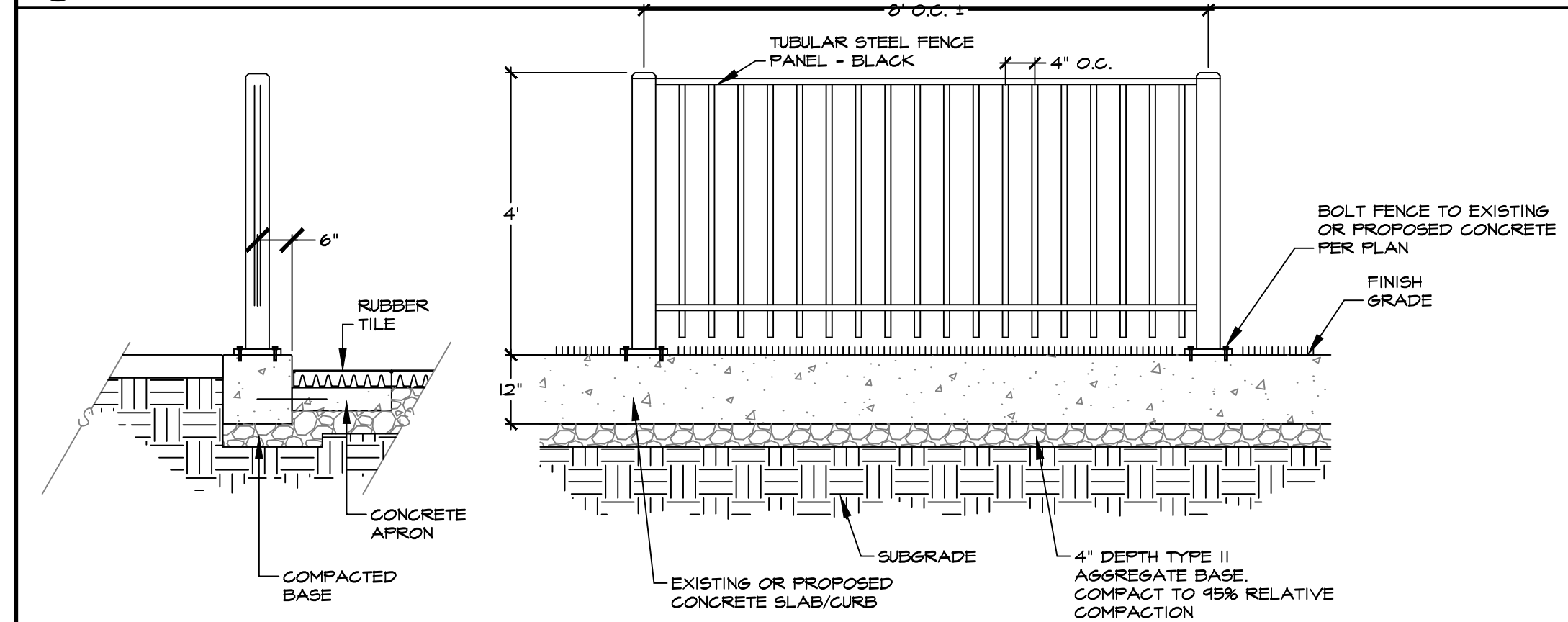
NOT TO SCALE



NOTE: CONTRACTOR TO FIELD VERIFY EXISTING SUBGRADE SOILS FOLLOWING PLAY BARK SAFETY SURFACE REMOVAL. CONTRACTOR TO ENSURE A 4" MINIMUM DEPTH OF COMPACTED BASE AGGREGATE UNDER ALL CONCRETE. EXCAVATE ADDITIONAL SUBGRADE SOILS IF NEEDED TO MEET THE 4" MINIMUM DEPTH. IF THE EXISTING SUBGRADE DEPTH REQUIRES ADDITIONAL FILL MATERIAL CONTRACTOR SHALL INSTALL BASE AGGREGATE AS REQUIRED TO FILL THE AREAS TO MEET PROPOSED ELEVATIONS. INSTALL BASE AGGREGATE IN 4" LIFTS AND COMPACT TO 95% RELATIVE COMPACTION.

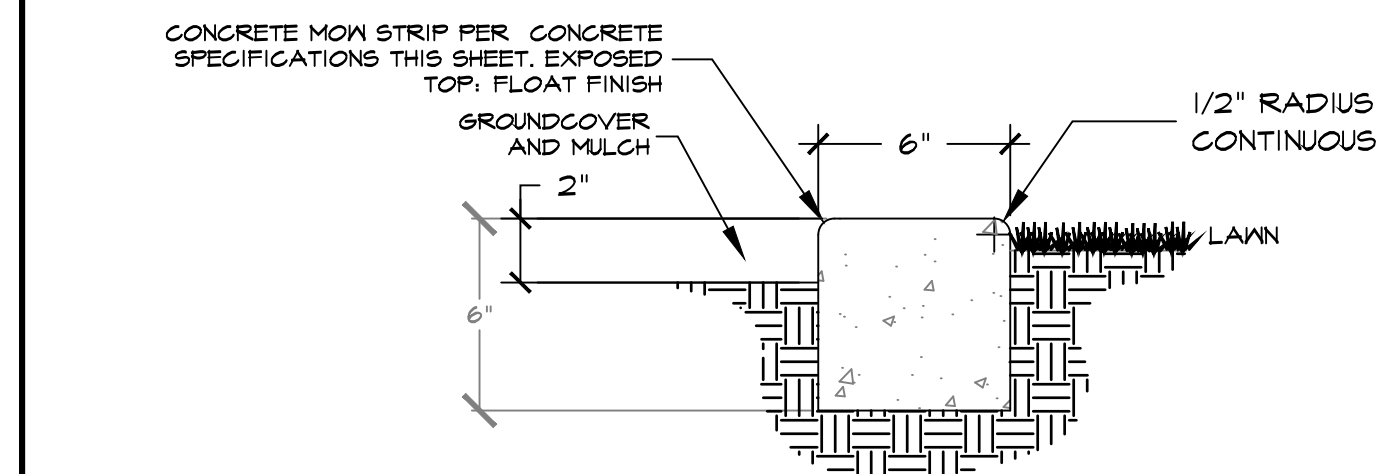
**1 RUBBER TILE INSTALLATION**

NOT TO SCALE



**2 4 FT. BLACK TUBULAR STEEL FENCE CONCEPT**

NOT TO SCALE



**CONCRETE SPECIFICATIONS:**

- PROVIDE EXPANSION JOINTS 30' ON CENTER MAX. WEAKENED PLANE JOINTS AT 5' ON CENTER MAX.
- CONCRETE REINFORCEMENT SHALL CONSIST OF COLLATED, FIBRILLATED POLYPROPYLENE FIBERS AS MANUFACTURED BY FIBERMESH OR APPROVED EQUAL.
- ADD 1 1/2 LBS. FIBERMESH PER CUBIC YARD OF CONCRETE.
- CONSTRUCTION PERSONNEL SHALL NOT DRIVE VEHICLES OF ANY SIZE OR TYPE OVER MOW STRIP UNTIL CONCRETE HAS ACHIEVED THE REQUIRED 28 DAYS DESIGN STRENGTH. THE CONTRACTOR SHALL PROTECT MOW STRIP UNTIL THAT TIME.
- SUBGRADE, DENSIFIED TO 90% RELATIVE COMPACTION (OR IN CONFORMANCE WITH GEOTECHNICAL REPORTS RECOMMENDATIONS).

**3 CONCRETE MOW STRIP**

NOT TO SCALE



Construction Details

**Recreation Center Playground**

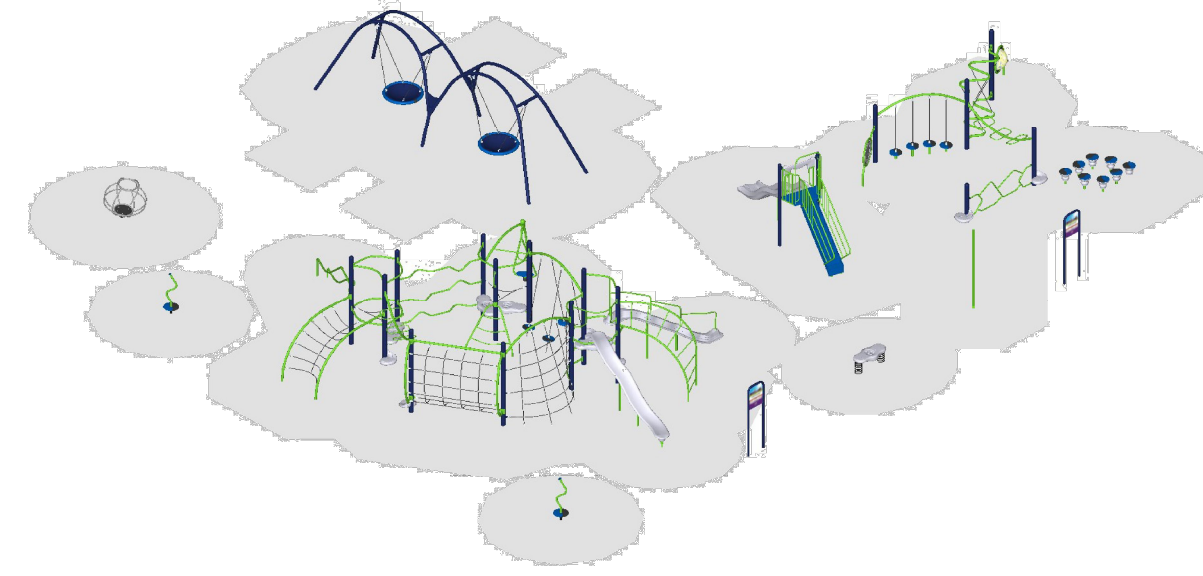
FEDERALLY FUNDED

98 Richards Way Sparks

No.	Revision Date

LA No: 251-SIC-04-22  
Designed: RWH  
Drawn: KMK  
Checked: RWH  
Date: 12/19/2022



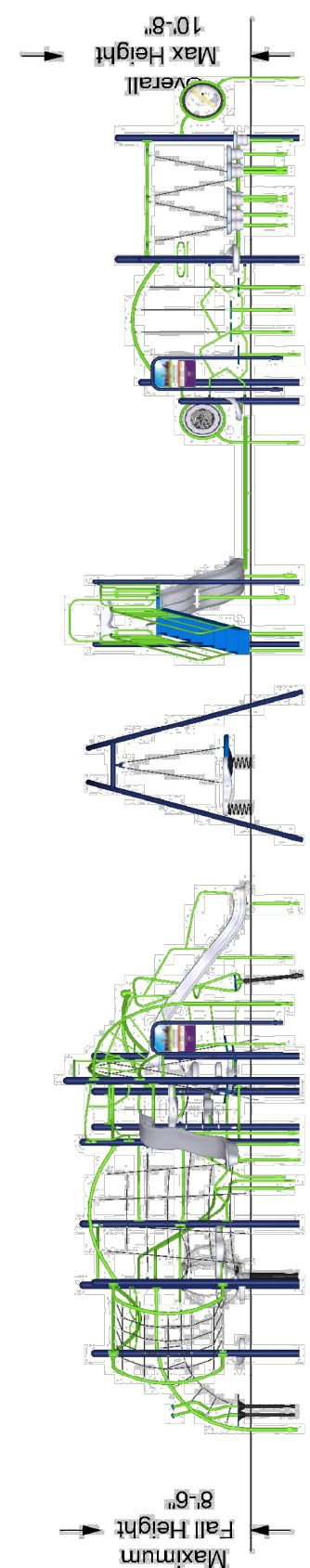


Buell Recreation  
 City of Sparks  
 Recreation Park  
 Proposal # 907-82738-1  
 Order # 142470  
 October 31, 2014

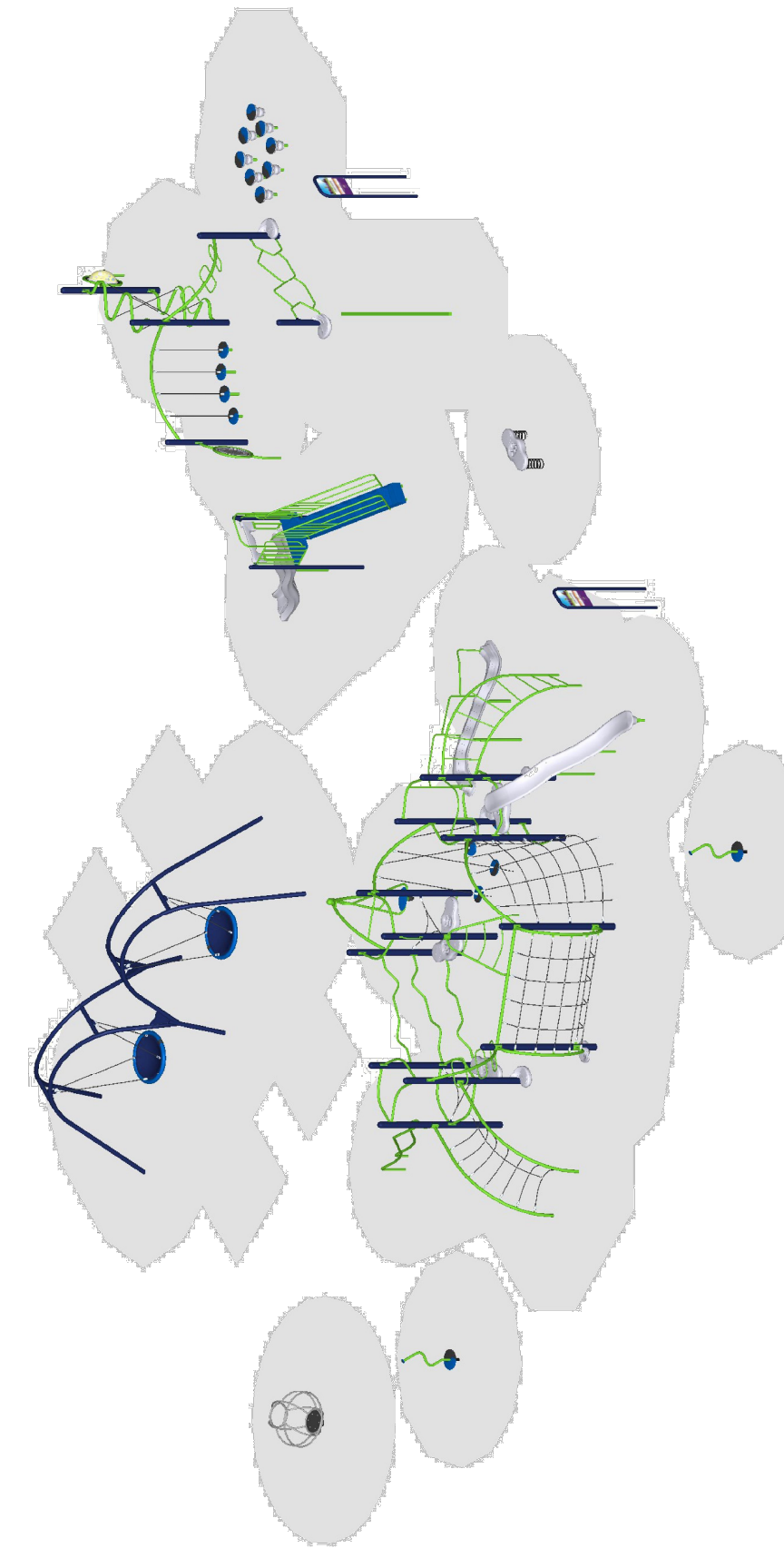


SERIES: Basics, Intensity  
 ELEVATION PLAN  
 DRAWN BY: Kari Champeau  
 Recreation Park  
 98 Richards Way  
 Sparks, NV 89431  
 Buell Recreation  
 907-82738-1  
 142470  
 BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54938-0549 Telephone:920-921-9220

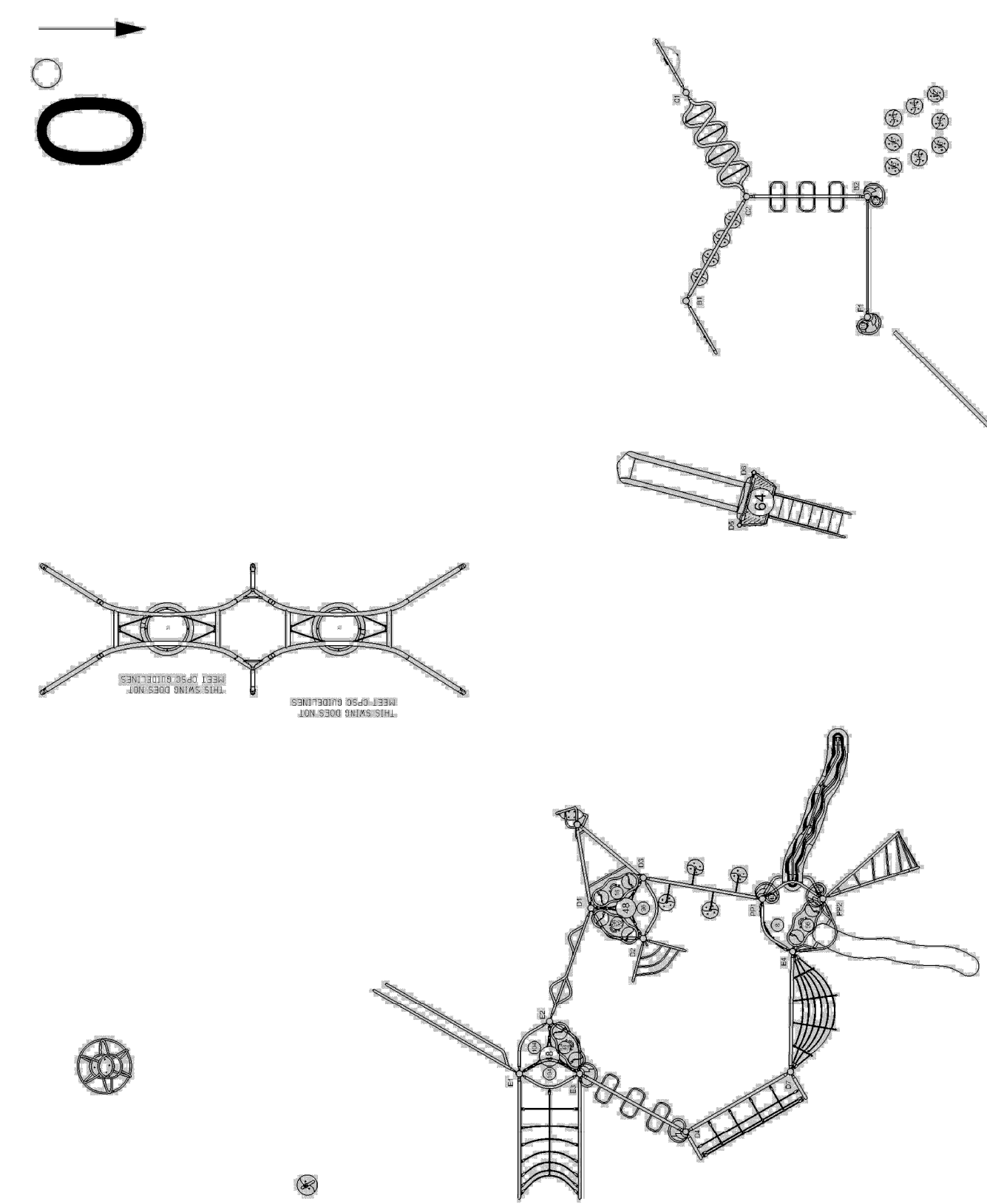
The protective surfacing for this design must accommodate the critical fall height.



SERIES: Basics, Intensity  
 ISOMETRIC PLAN  
 DRAWN BY: Kari Champeau  
 Recreation Park  
 98 Richards Way  
 Sparks, NV 89431  
 Buell Recreation  
 907-82738-1  
 142470  
 BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54938-0549 Telephone:920-921-9220



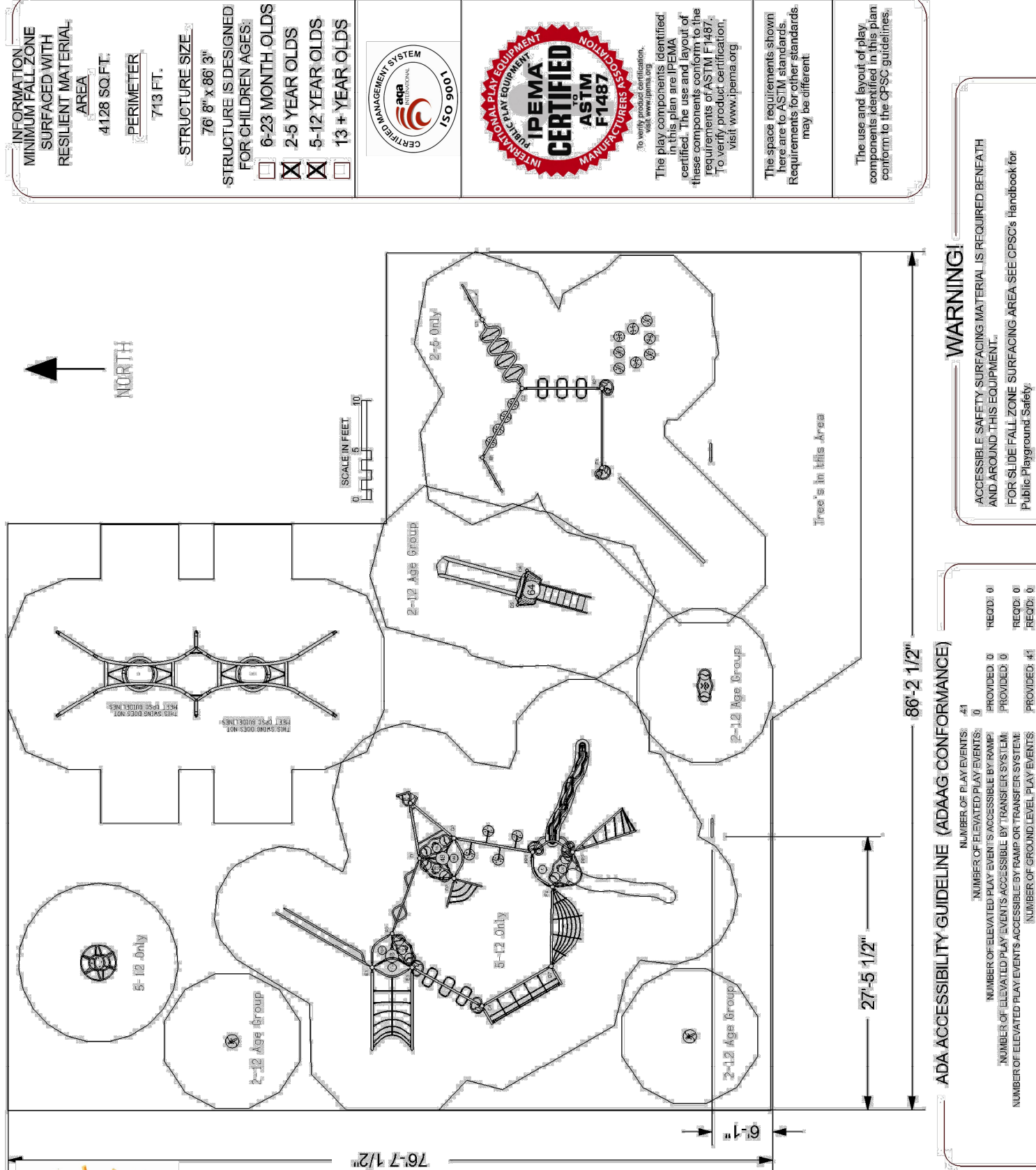
SERIES: Basics, Intensity  
 POST ORIENTATION  
 DRAWN BY: Kari Champeau  
 Recreation Park  
 98 Richards Way  
 Sparks, NV 89431  
 Buell Recreation  
 907-82738-1  
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 BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54938-0549 Telephone:920-921-9220



LOCATION DIMENSIONS FOR PIPE FOOTINGS  
 REFER TO INDIVIDUAL ASSEMBLY INSTRUCTIONS FOR REMAINING FOOTING LOCATIONS

No.	Revision	Date

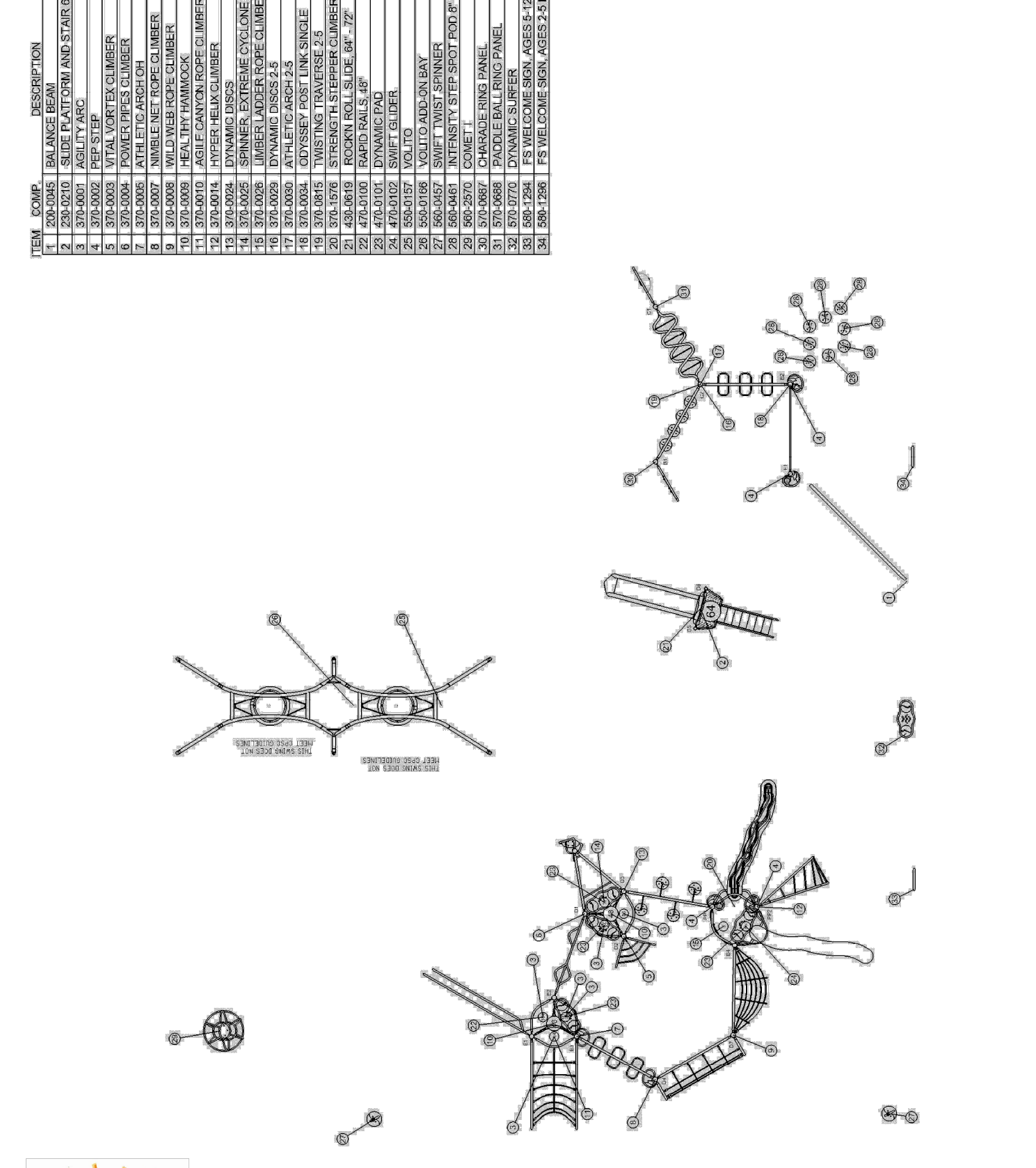
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October 31, 2014  
 SERIES: Basics, Intensity  
 SITE PLAN  
 DRAWN BY: Kari Champeau  
 Recreation Park  
 98 Richards Way  
 Sparks, NV 89431  
 Buell Recreation  
 907-82738-1  
 142470  
 BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54938-0549 Telephone:920-921-9220

MANUFACTURER'S SURFACING WITH RESILIENT MATERIAL AREA PER PERIMETER: 719.1 FT.  
 STRUCTURE SIZE: 78' 0" X 88' 0"  
 STRUCTURE DESIGNED FOR CHILDREN AGES: 2-5 YEAR OLDS, 6-12 YEAR OLDS, 13+ YEAR OLDS

The IPEMA logo is a red circular seal with 'IPEMA CERTIFIED ASTM F1487' text. Below it, a disclaimer states: 'This logo does not guarantee that the equipment meets the requirements of ASTM F1487. It only signifies that the manufacturer has been tested and certified by IPEMA. The logo is not a warranty for the equipment. The manufacturer is responsible for ensuring the equipment meets the requirements of ASTM F1487. This logo is not a warranty for the equipment. The manufacturer is responsible for ensuring the equipment meets the requirements of ASTM F1487. This logo is not a warranty for the equipment. The manufacturer is responsible for ensuring the equipment meets the requirements of ASTM F1487.'



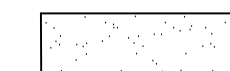
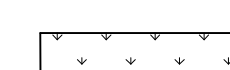



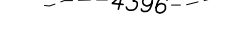
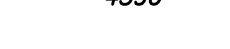

October 31, 2014  
 SERIES: Basics, Intensity  
 COMPONENT PLAN  
 DRAWN BY: Kari Champeau  
 Recreation Park  
 98 Richards Way  
 Sparks, NV 89431  
 Buell Recreation  
 907-82738-1  
 142470  
 BCI Burke Company, LLC PO Box 549 Fond du Lac, Wisconsin 54938-0549 Telephone:920-921-9220

TABLE DESCRIPTION

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
1	1" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
2	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
3	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
4	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
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8	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
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42	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
43	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
44	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
45	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
46	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
47	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
48	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
49	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA
50	2" X 4" X 8' SLIDE PLATFORM AND SLIDERS	1	EA



**LEGEND:**

-  EXISTING CONCRETE
-  EXISTING LANDSCAPING
-  EXISTING SAND
-  PLAYGROUND EQUIPMENT
-  4396 EXISTING CONTOUR
-  4396 PROPOSED CONTOUR
-  SIGN
-  TREE

**DEMOLITON NOTES:**

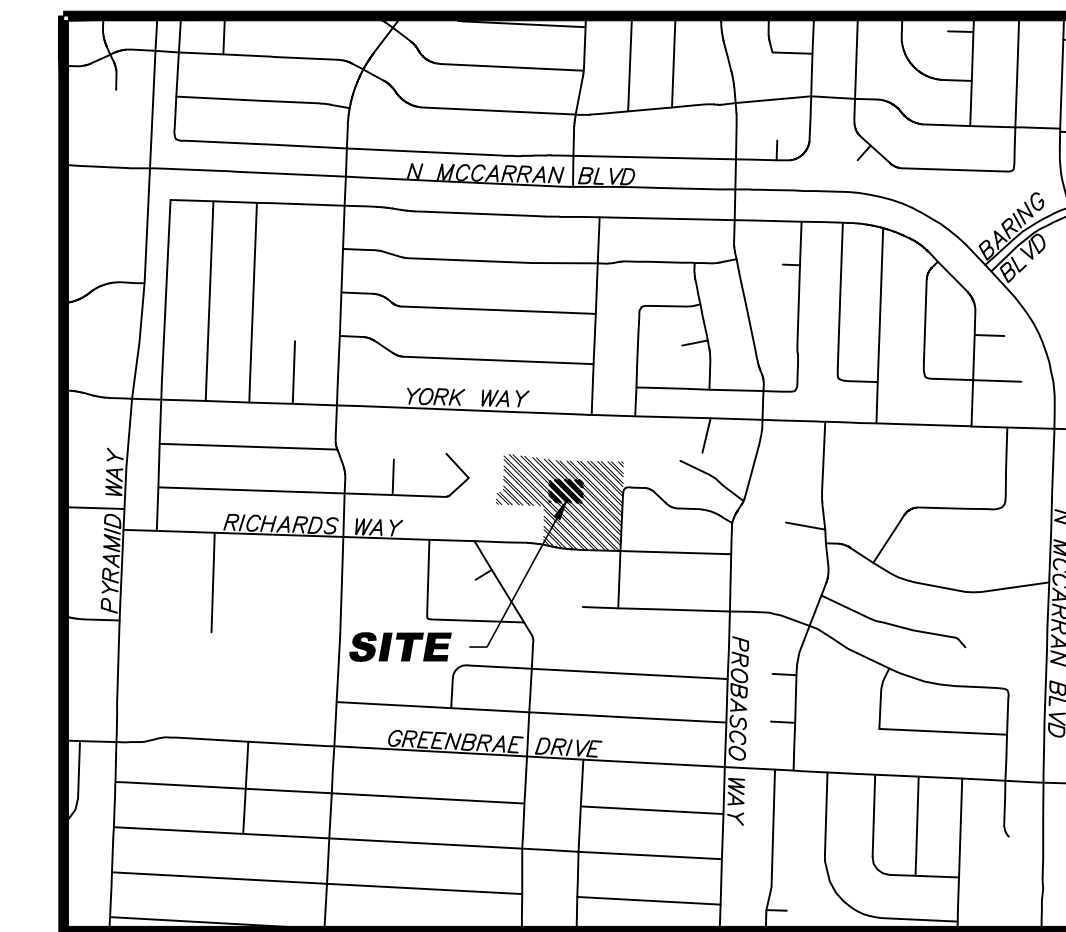
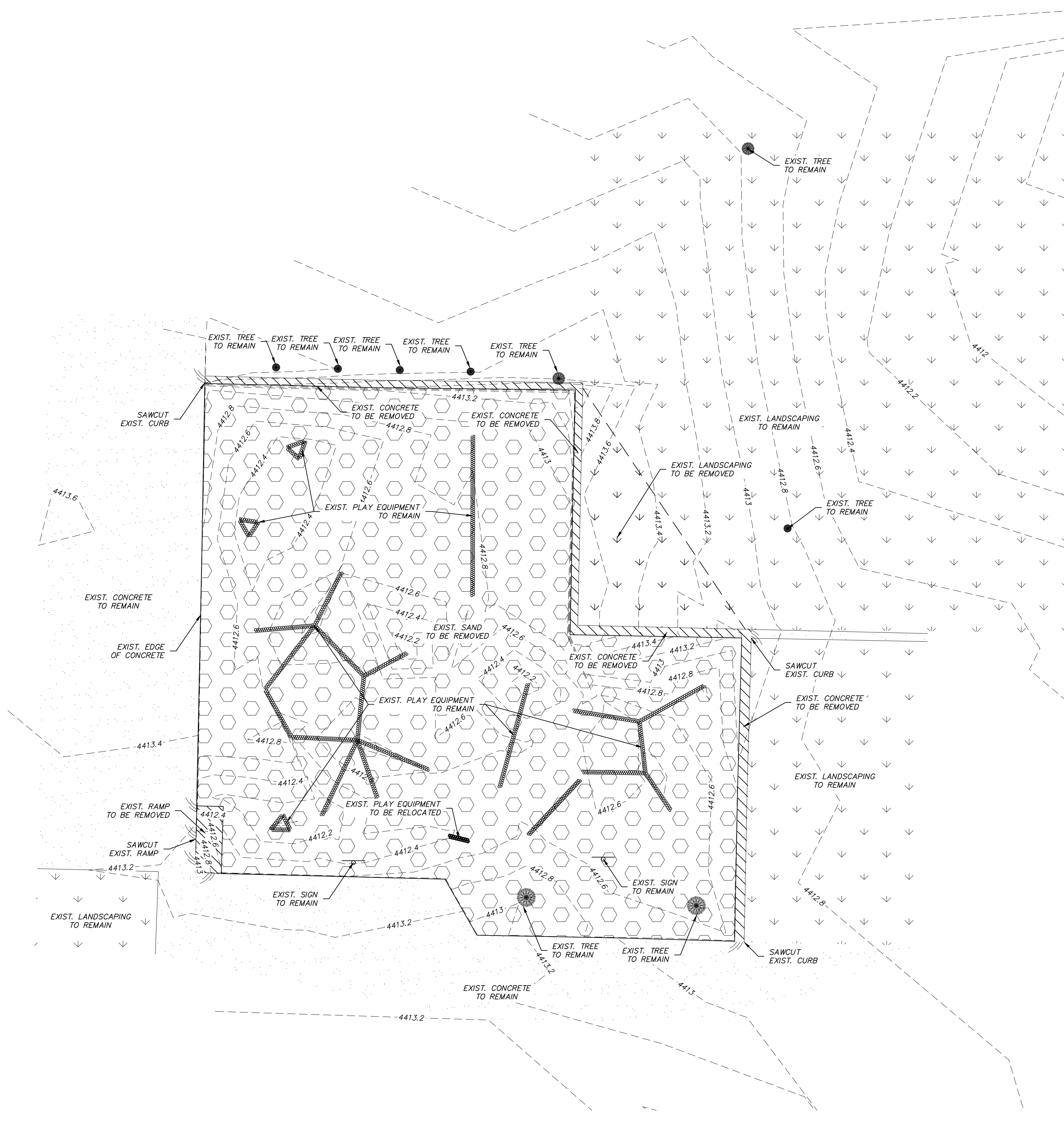
1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS, AND THE LATEST STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION 2012 ADDITION (AND ANY APPURTENANT SUPPLEMENTS) SPONSORED AND DISTRIBUTED BY RENO, SPARKS, AND WASHOE COUNTY.
2. THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINT OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POT-HOLING PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION DEBRIS PER FEDERAL, STATE AND LOCAL REGULATIONS AND ORDINANCES.
5. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING PROCESS OF REMOVAL OF ALL SPILLAGE OF EXCAVATION MATERIAL ON ALL PAVED STREETS.
6. THE CONTRACTOR SHALL OBTAIN AND THE OWNER SHALL PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED FOR CONSTRUCTION.
7. THE NATURAL VEGETATION AND EXISTING LANDSCAPING SHALL BE PRESERVED AS MUCH AS PRACTICAL DURING ROADWAY AND DRAINAGE IMPROVEMENTS CONSTRUCTION.
8. ANY ACCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST CITY OF SPARKS REGULATIONS OR IN APPROVED AREAS.

**SITE INFO:**

APN: 028-330-57  
 OWNER: CITY OF SPARKS  
 ADDRESS: 98 RICHARDS WAY  
 ZONING: PF - PUBLIC FACILITY  
 EXISTING SAND AREA: 5875 S.F.

**SHEET INDEX:**

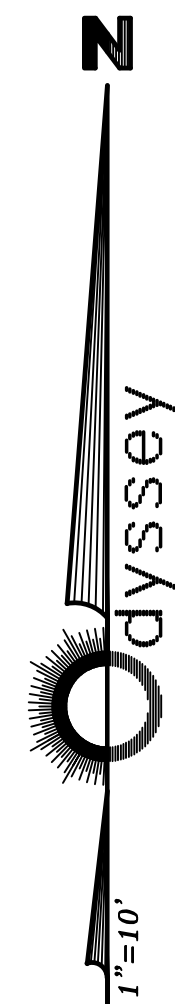
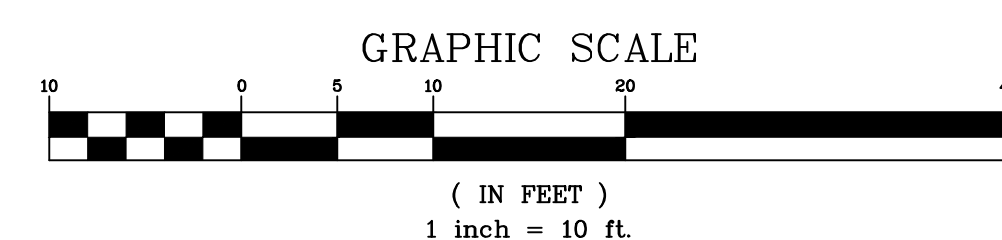
1. DEMO PLAN
2. SITE PLAN
3. GRADING PLAN
4. DETAIL SHEET



**VICINITY MAP ~ NTS**

**ENGINEER'S CERTIFICATE**

THESE PLANS SHEETS 1 OF 4 THRU 4 OF 4 HAVE BEEN PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING PROCEDURES AND GUIDELINES, AND ARE IN SUBSTANTIAL COMPLIANCE WITH APPLICABLE STATUTES, CITY ORDINANCES, STANDARDS, AND CITY CODE. IN THE EVENT OF CONFLICT BETWEEN ANY PORTION OF THESE PLANS AND CITY CODE, CITY STANDARDS SHALL PREVAIL.



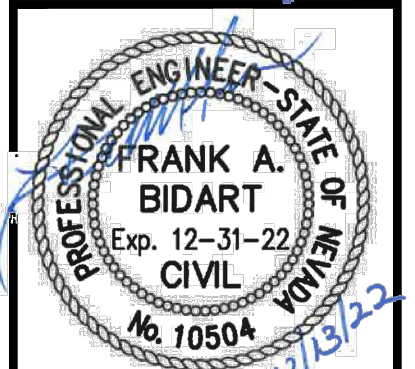
REV.	DATE	DESCRIPTION	BY	APP'D

DATE: DEC 2022	DRAWN BY: C3D 2022	DESIGNED BY: AKM	CHECKED BY: F.B.
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RECREATION CENTER PLAYGROUND  
 DEMO PLAN  
 SPARKS, WASHOE, NEVADA

885 ROBERTA LANE, SUITE 104, SPARKS, NV 89431  
 (775) 369-3303 FAX (775) 359-3329  
 EMAIL: INFO@ODYSSEYENGINEERING.COM  
 ODYSSEYENGINEERING.COM

**Odyssey**  
 ENGINEERING  
 INCORPORATED



SCALE	HORIZ. 1"=10'	VERT. N/A
JOB NO.	4621	
SHEET	1 OF 4	

FRANK BIDART

P.E. #10504

**LEGEND:**

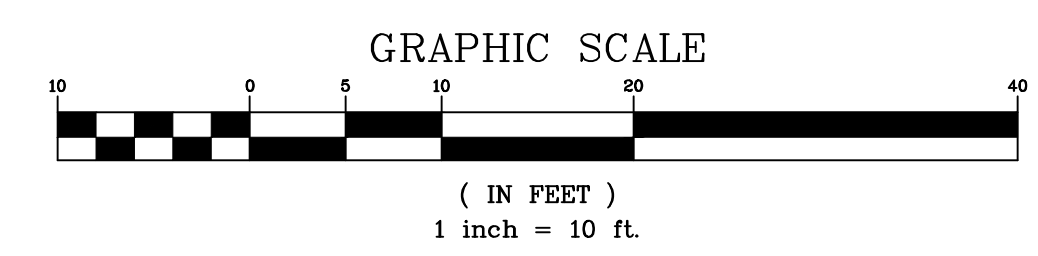
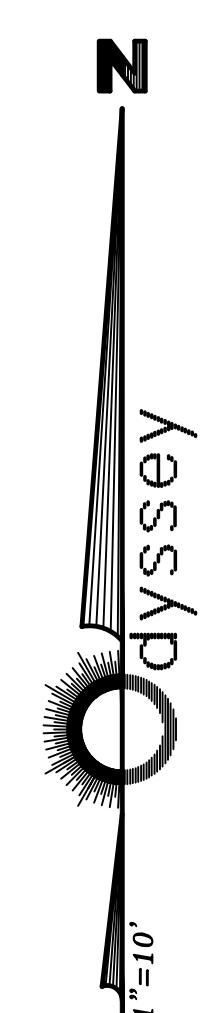
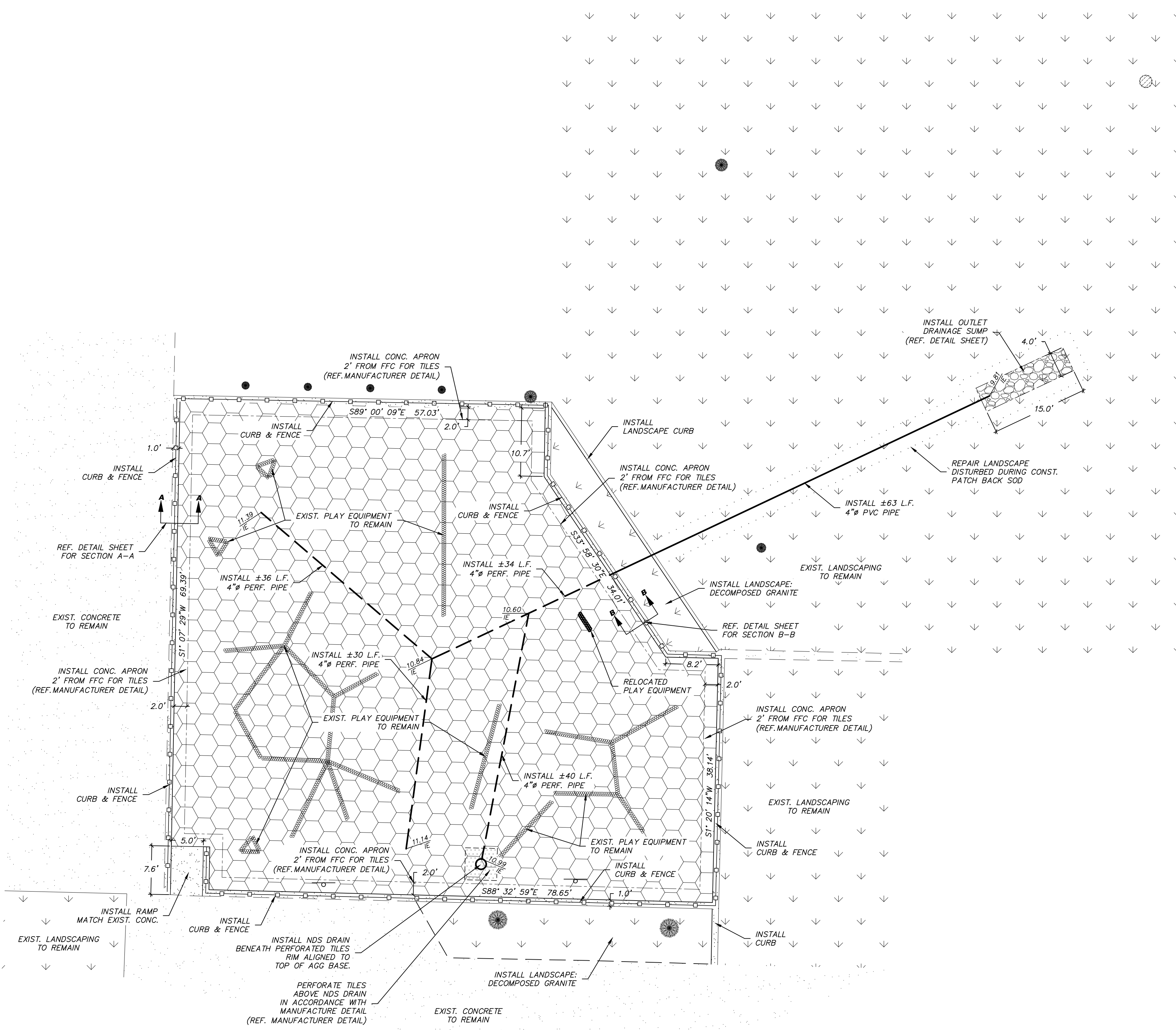
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING LANDSCAPING
- PROPOSED LANDSCAPING
- PROPOSED TILE
- PLAYGROUND EQUIPMENT
- DRAINAGE PIPE
- PERFORATED PIPE
- SIGN
- TREE

**SITE INFO:**

APN: 028-330-57  
 OWNER: CITY OF SPARKS  
 ADDRESS: 98 RICHARDS WAY  
 ZONING: PF - PUBLIC FACILITY  
 NEW PLAY AREA: 5,636 S.F.

**SITE NOTES:**

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS, AND THE LATEST STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION 2012 ADDITION (AND ANY APPURTENANT SUPPLEMENTS) SPONSORED AND DISTRIBUTED BY RENO, SPARKS, AND WASHOE COUNTY.
2. THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINT OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POT-HOLING PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POT-HOLING PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL OBTAIN AND THE OWNER SHALL PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED FOR CONSTRUCTION.
5. CONSTRUCTION WORK HOURS SHALL BE 7:00 AM TO 7:00 PM, MONDAY THROUGH SATURDAY.
11. A PRE-CONSTRUCTION MEETING SHALL BE HELD BY THE ENGINEER, GENERAL CONTRACTOR, EARTHWORK CONTRACTOR AND WASHOE COUNTY ENGINEERING PRIOR TO THE BEGINNING OF CONSTRUCTION. THE GENERAL CONTRACTOR SHALL GIVE 48 HOURS NOTICE PRIOR TO START OF CONSTRUCTION.



REV.	DATE	DESCRIPTION	BY	APP'D

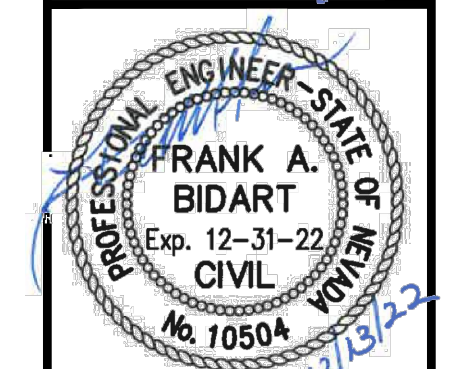
DATE: DEC 2022	DRAWN BY: C3D 2022	DESIGNED BY: AKM	CHECKED BY: F.B.
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**RECREATION CENTER PLAYGROUND  
 SITE PLAN**

WASHOE, SPARKS, NEVADA

**Odyssey**  
 ENGINEERING  
 INCORPORATED

885 ROBERTA LANE, SUITE 104, SPARKS, NV 89431  
 (775) 359-3303 FAX (775) 359-3329  
 EMAIL: INFO@ODYSSEYRENO.COM  
 ODYSSEYRENO.COM



SCALE HORIZ. 1"=10' VERT. N/A
JOB NO. 4621
SHEET 2 OF 4

**LEGEND:**

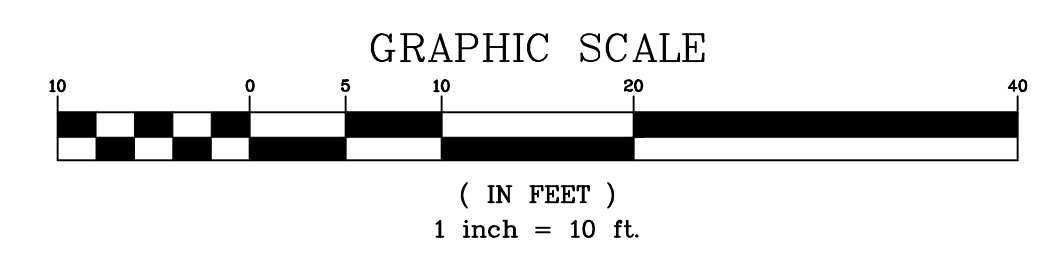
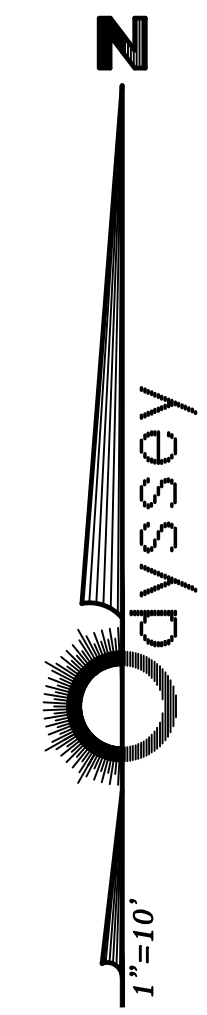
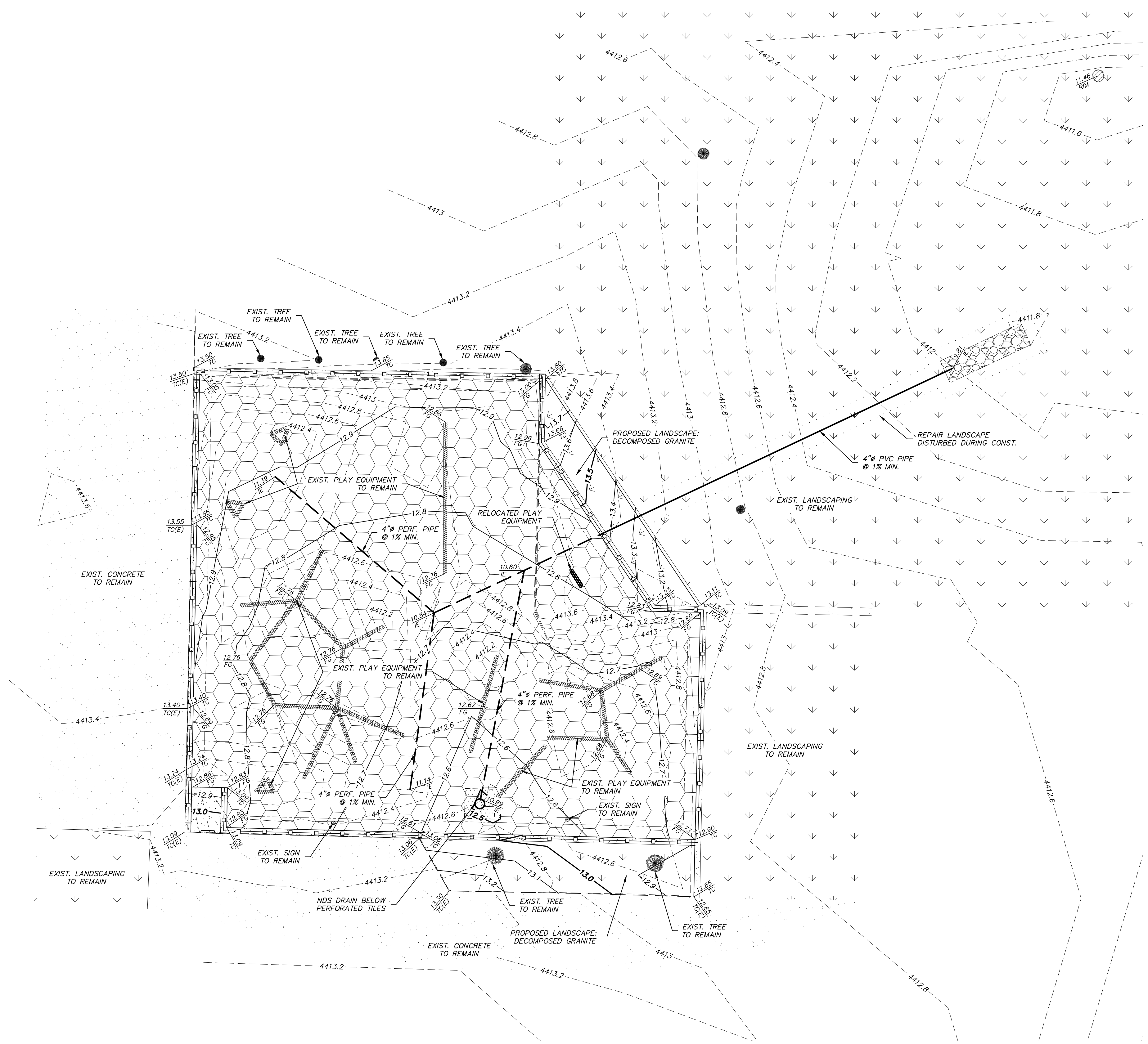
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING LANDSCAPING
- PROPOSED LANDSCAPING
- PROPOSED TILE
- PLAYGROUND EQUIPMENT
- DRAINAGE PIPE
- PERFORATED PIPE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- SIGN
- TREE

**SITE INFO:**

APN: 028-330-57  
 OWNER: CITY OF SPARKS  
 ADDRESS: 98 RICHARDS WAY  
 ZONING: PF - PUBLIC FACILITY  
 NEW PLAY AREA: 5,636 S.F.

**GRADING NOTES:**

1. ALL CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS, AND THE LATEST STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION 2012 ADDITION (AND ANY APPURTENANT SUPPLEMENTS) SPONSORED AND DISTRIBUTED BY RENO, SPARKS, AND WASHOE COUNTY.
2. THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINT OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POT-HOLING PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION DEBRIS PER FEDERAL, STATE AND LOCAL REGULATIONS AND ORDINANCES.
4. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING PROCESS OF REMOVAL OF ALL SPILLAGE OF EXCAVATION MATERIAL ON ALL PAVED STREETS.
5. LAND GRADING SHALL BE DONE IN A METHOD TO PREVENT DUST FROM TRAVERSING THE PROPERTY LINE.
6. THE CONTRACTOR SHALL OBTAIN AND THE OWNER SHALL PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED FOR CONSTRUCTION.
7. ADD 4400 FEET TO ALL TRUNCATED ELEVATIONS.
8. THE NATURAL VEGETATION AND EXISTING LANDSCAPING SHALL BE PRESERVED AS MUCH AS PRACTICAL DURING SITE IMPROVEMENTS CONSTRUCTION.
9. ANY EXCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST WASHOE COUNTY REGULATIONS OR IN APPROVED AREAS.
10. CONSTRUCTION WORK HOURS SHALL BE 7:00 AM TO 7:00 PM, MONDAY THROUGH SATURDAY.



REV.	DATE	DESCRIPTION	BY	APP'D

DATE: DEC 2022	DATE: DEC 2022
DRAWN BY: C3D 2022	DESIGNED BY: AKM
CHECKED BY: F.B.	

**BID SET**

**RECREATION CENTER PLAYGROUND GRADING PLAN**

SPARKS, WASHOE, NEVADA

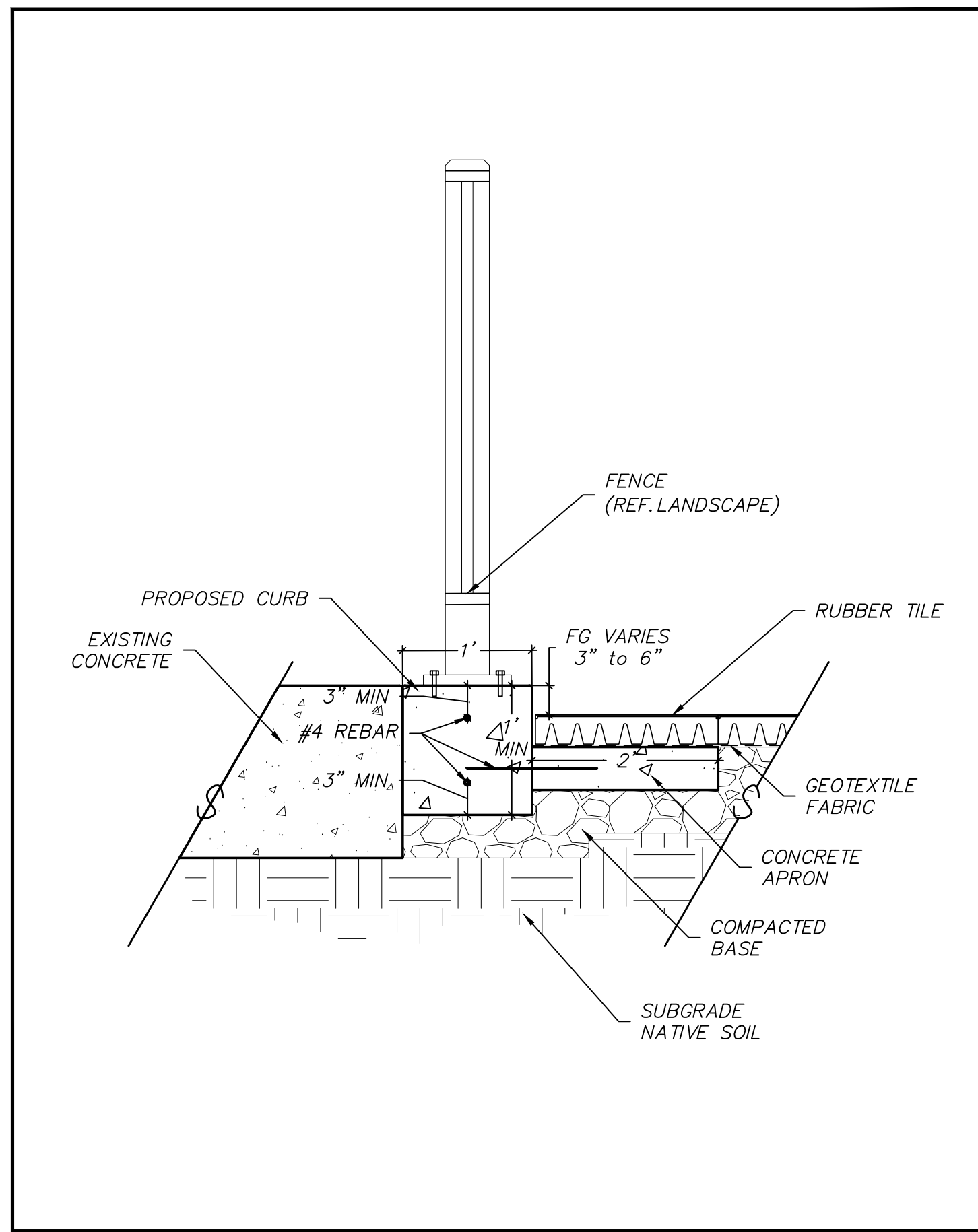
885 ROBERTA LANE, SUITE 104, SPARKS, NV 89431  
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 ENGINEERING  
 INCORPORATED

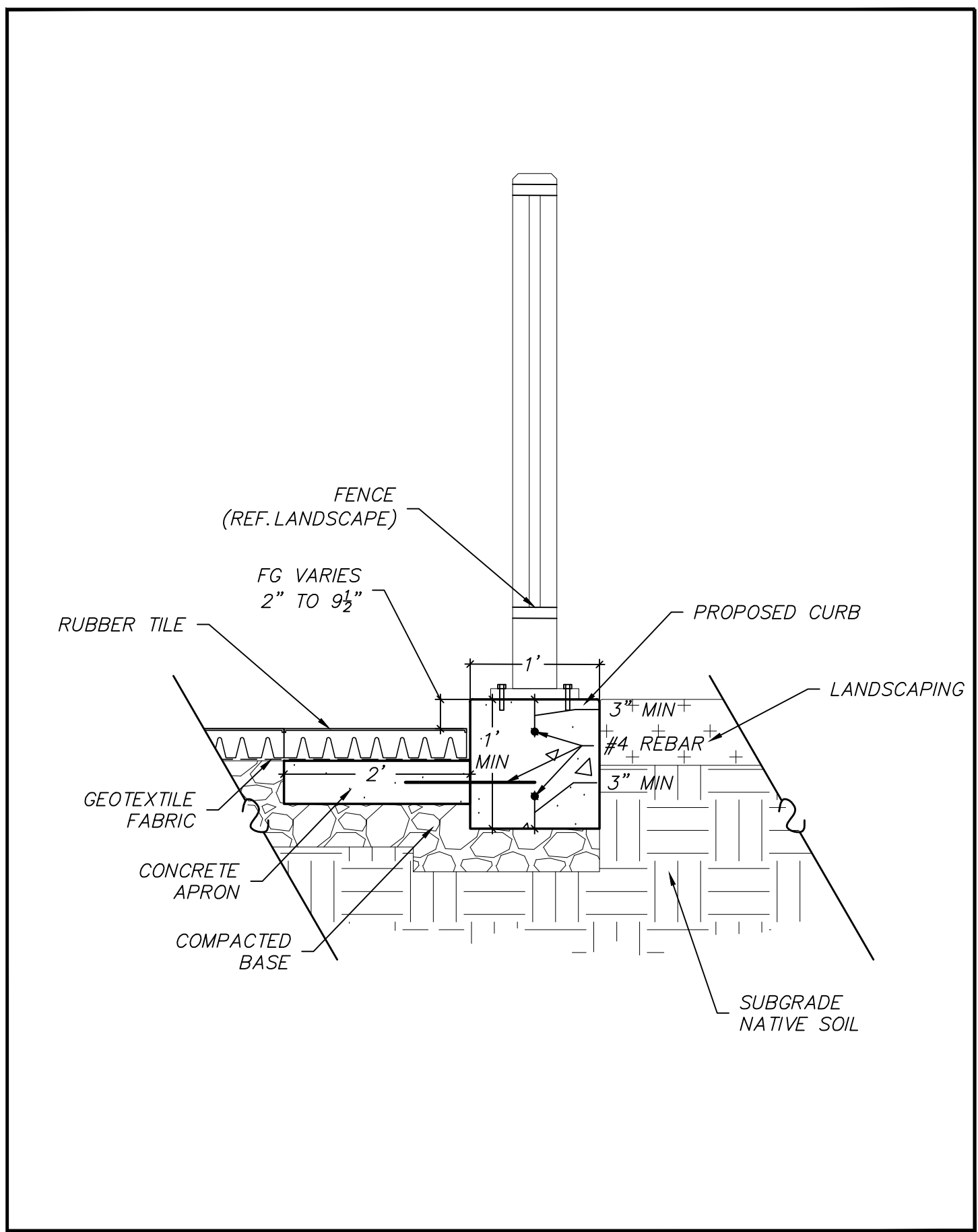


SCALE HORIZ. 1"=10' VERT. N/A
JOB NO. 4621
SHEET 3 OF 4

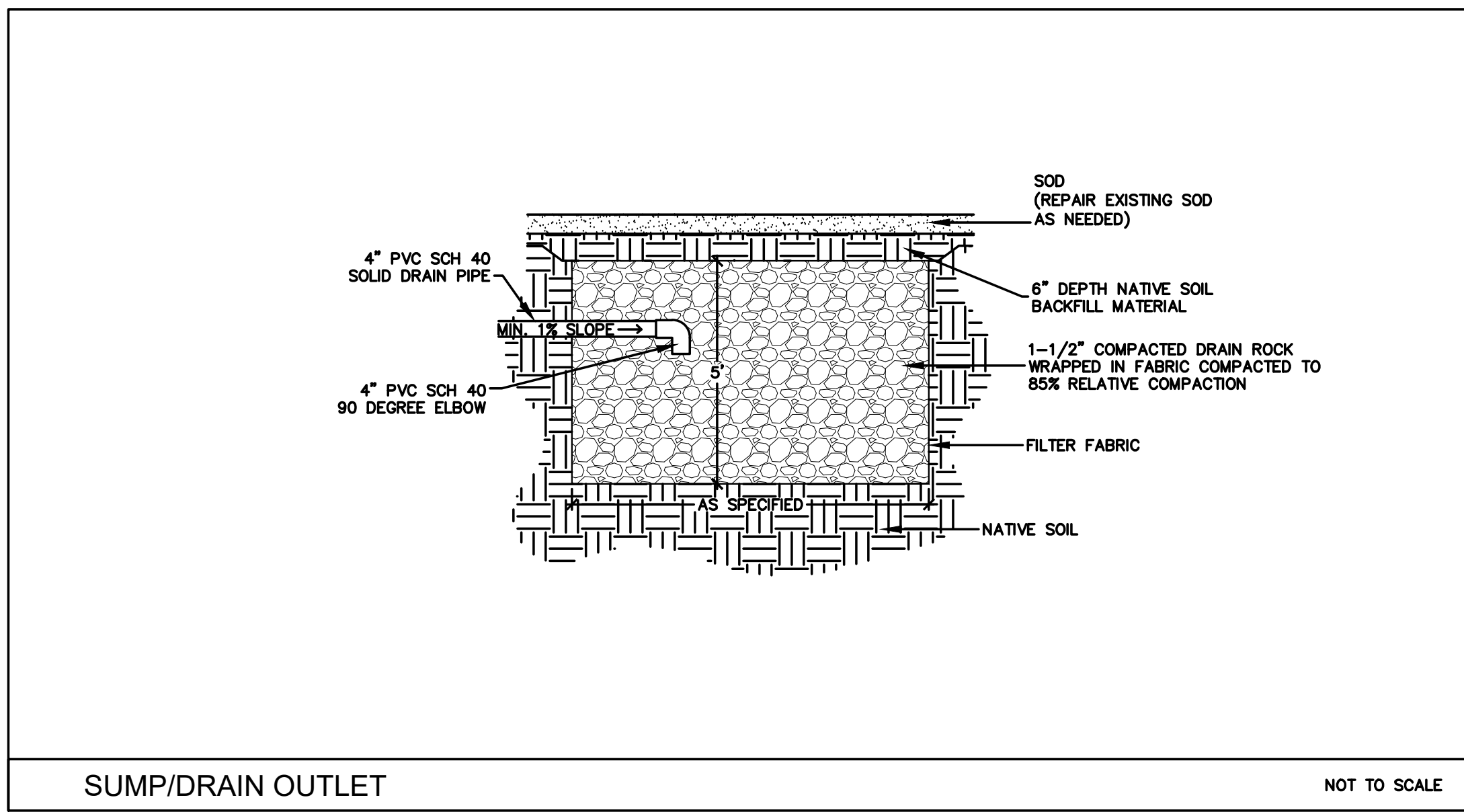




SECTION A-A  
CURB PROFILE

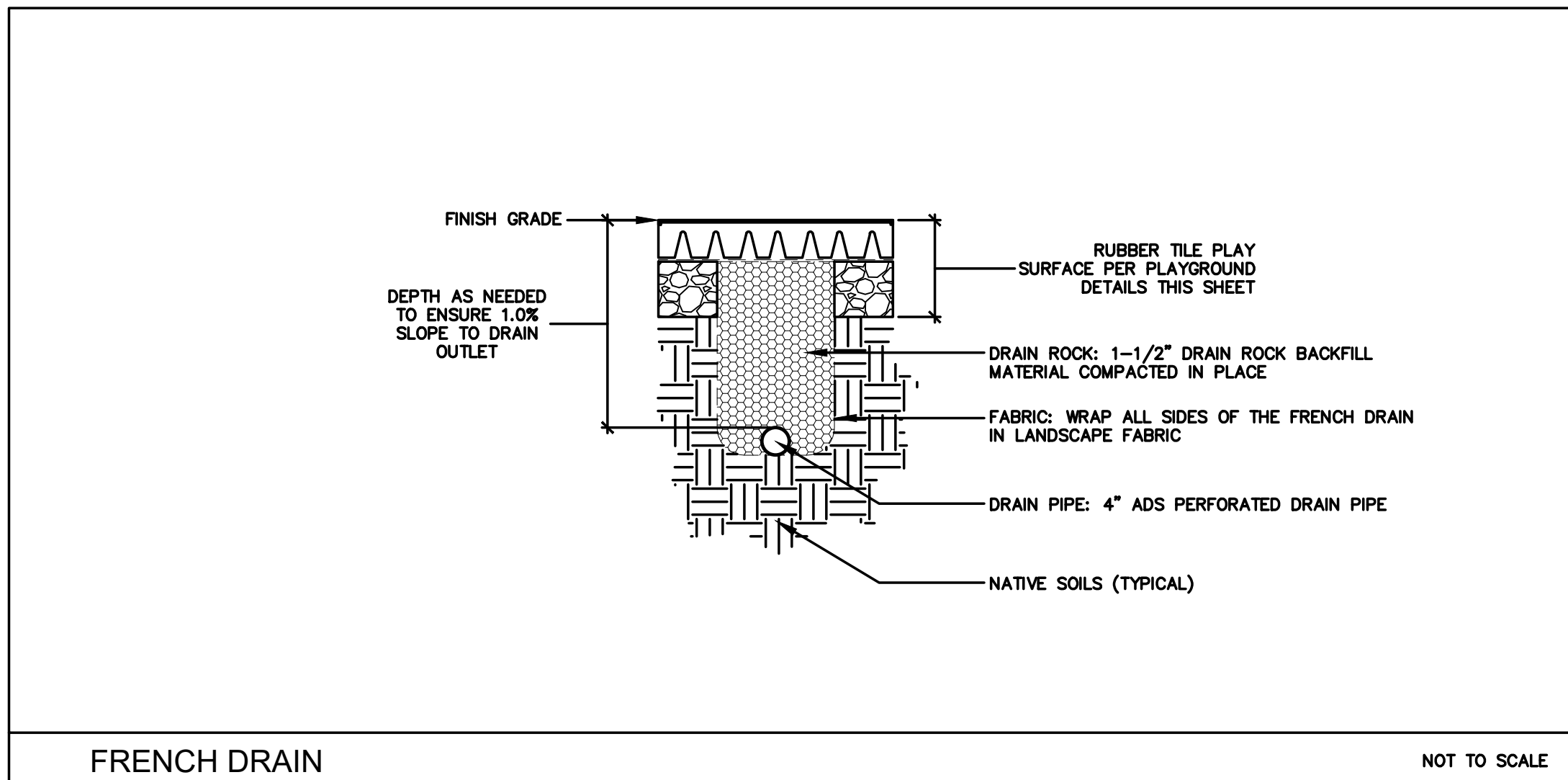


SECTION B-B  
CURB PROFILE



SUMP/DRAIN OUTLET

NOT TO SCALE



FRENCH DRAIN

NOT TO SCALE

REV.	DATE	DESCRIPTION	BY	APP'D

DATE: DEC 2022  
 DRAWN BY: C3D 2022  
 DESIGNED BY: AKM  
 CHECKED BY: F.B.

BID SET  
 RECREATION CENTER PLAYGROUND  
 DETAIL SHEET  
 SPARKS, WASHOE, NEVADA

885 ROBERTA LANE, SUITE 104, SPARKS, NV 89431  
 (775) 369-3303 FAX (775) 359-3329  
 EMAIL: INFO@DYSSSEYRENO.COM  
 WWW.DYSSSEYRENO.COM

**dysssey** ENGINEERING INCORPORATED



SCALE  
 HORIZ. N/A  
 VERT. N/A  
 JOB NO.  
 4621

SHEET  
 4  
 OF  
 4