

April 14, 2017
BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
Addendum No. 3, IFB Y17-745-RM
BITHLO PARK NEW PLAYGROUND AND SHADOW BAY PARK PLAYGROUND
IMPROVEMENTS
Bid Opening Date: April 20, 2017

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents. Underlining indicates additions, deletions are indicated by ~~strikethrough~~.

A. The bid opening date remains April 20, 2017 at 2:00 P.M.

B. The following are questions/responses/clarifications:

1. **Question:** Bithlo Park Safety Surfacing Sub-Base – Plan page 4.0, detail 2 indicates “6” compacted crushed stone layer (#57 granite stone).” Specification 06500, Mixing Preparation, General B “states Installation of safety surfacing shall be over bituminous concrete sub-base as per manufacturer’s instructions and as detailed.” Please clarify which sub-base is to be used.

Answer: FDOT #57 GRAVEL

2. **Question:** Shadow Bay Park Safety Surfacing Sub-Base – Plan page 4.0, detail 2 indicates “6” compacted crushed stone layer (#57 granite stone).” Specification 06500, Mixing Preparation, General B states “Installation of safety surfacing shall be over bituminous concrete sub- base as per manufacturer’s instructions and as detailed.” Please clarify which sub-base is to be used.

Answer: FDOT #57 GRAVEL

3. **Question:** #57 Granite Base - Please provide a specification for compacted crushed stone layer (#57 granite stone).

Answer: FDOT #57 GRAVEL

4. **Question:** Shadow Bay Park Safety Surfacing Sub-Base Add Alt – Plan page 4.1, detail fitness station, additive bid item indicates “6” shell rock base.” Specification 06500, Mixing Preparation, General B states “Installation of safety surfacing shall be over bituminous concrete sub- base as per manufacturer’s instructions and as detailed.” Please clarify which sub-base is to be used.

Answer: FDOT #57 GRAVEL

5. **Question:** Shell Rock Base – Please provide a specification for shell rock base.

Answer: FDOT #57 GRAVEL

6. **Addition:** Electronic CAD files of civil grading and drainage sheets **are provided for information purposes only.** They can be downloaded from the following site:
ftp://ftp.ocfl.net/divisions/Purchasing/pub/Current%20Bids%20and%20RFPs%20-%20Large%20Files/Parks_Bithlo%20Shadow%20Bay%20Parks/
7. Delete sheet 3.0 drawings Shadow Bay Park Play and Fitness Area and replace with attached revised sheet 3.0
8. Delete sheet 4.2 drawings Shadow Bay Park Play and Fitness Area and replace with attached revised sheet 4.2
9. Delete sheet 4.3 drawings Shadow Bay Park Play and Fitness Area and replace with attached revised sheet 4.3
10. Delete sheet 5.0 drawings Shadow Bay Park Play and Fitness Area and replace with attached revised sheet 5.0

C. All other terms, conditions and specifications remain the same.

The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.

Receipt acknowledged by:

Authorized Signature

Date Signed

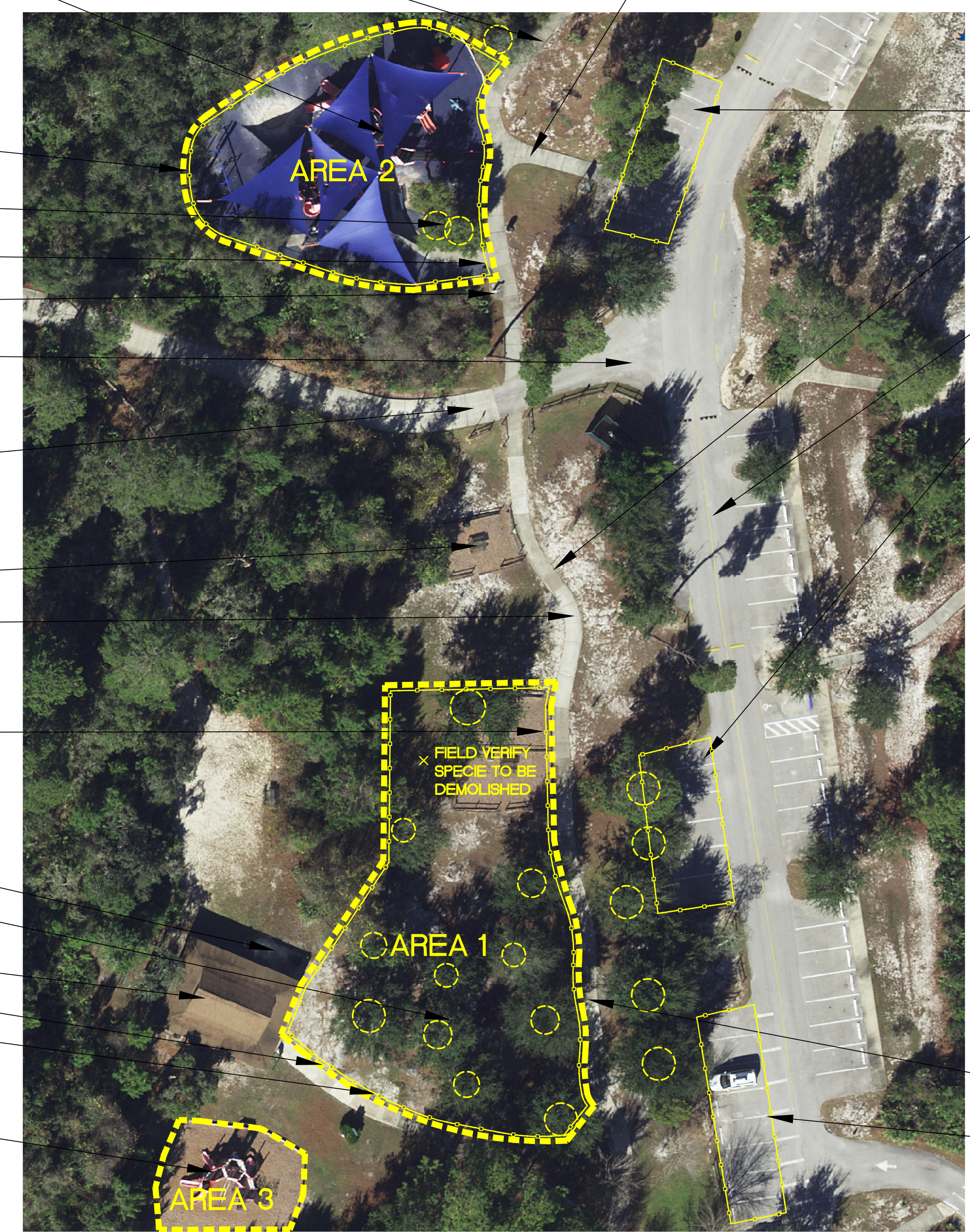
Title

Name of Firm

REVISIONS	DATE	BY



AREA 2:
EXISTING PLAYGROUND AREA TO BE DEMOLISHED FOR PROPOSED FITNESS AREA



AREA 3:
EXISTING PLAYGROUND AREA TO BE DEMOLISHED FOR PROPOSED OPEN SPACE AREA

EXISTING CONCRETE PAVING TO REMAIN. CONTRACTOR SHALL PROTECT EXISTING CONCRETE PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

REMOVE ALL EXISTING PLAY EQUIPMENT AND ALL CONCRETE EQUIPMENT FOOTINGS. REMOVE POUR IN PLACE SAFETY SURFACE AND ALL 4" CONCRETE BASE. REMOVE ALL SHADE SAILS AND COLUMNS WITH FOOTINGS AS REQUIRED. REMOVE ALL BENCHES, BIKE RACK, EDGING, AND EXISTING CHAIN LINK FENCING AND REMOVE FROM SITE. FIELD VERIFY ALL REMOVAL QUANTITIES.

SILT FENCING AS REQUIRED, SEE SHEET 6.0. LOCATE APPROXIMATELY 5-10' OUTSIDE EXISTING CHAIN LINK FENCE WHERE POSSIBLE.

INSTALL TREE PROTECTION AROUND EXISTING OAKS TO REMAIN AS PER ORANGE COUNTY CODE AND DETAILS

SAWCUT EXISTING CONCRETE PAVING TO BE REMOVED, FIELD VERIFY QUANTITIES

EXISTING WATER FOUNTAIN TO REMAIN, CONTRACTOR SHALL PREP AND PAINT FOUNTAIN FOREST GREEN

EXISTING ASPHALTIC CONCRETE PAVING TO REMAIN. CONTRACTOR SHALL PROTECT EXISTING PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

EXISTING CONCRETE PAVING TO REMAIN, CONTRACTOR SHALL PROTECT EXISTING CONCRETE PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

EXISTING 3 RAIL FENCE AND PICNIC TABLE TO REMAIN

EXISTING CONCRETE PAVING TO REMAIN. CONTRACTOR SHALL PROTECT EXISTING CONCRETE PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

3 RAIL FENCING AND PICNIC TABLES SHALL BE REMOVED BY SHADOW BAY PARK STAFF AND RELOCATED ONSITE AS REQUIRED AND DIRECTED BY PROGRAM MANAGER. THIS ITEM IS NOT IN CONTRACT.

EXISTING BBQ GRILLS TO REMAIN

ALL EXISTING OAK TREES WITHIN WORK AREA SHALL HAVE TREE PROTECTION FENCING AS PER ORANGE COUNTY CODE AND DETAILS

EXISTING PAVILION AND PICNIC TABLES TO REMAIN

SILT FENCING AS REQUIRED, SEE SHEET 6.0

LIMIT OF WORK, INSTALL TEMPORARY CHAIN FENCING AT PARKING AND WALKWAY AREAS

REMOVAL OF PLAY EQUIPMENT IN AREA 3 SHALL BE PERFORMED BY THE CONTRACTOR, ALL EQUIPMENT, FOOTINGS, MULCH, EDGING SHALL BE REMOVED AND DISPOSED OF AS PER ORANGE COUNTY COMPTROLLER REGULATIONS. THE CONTRACTOR SHALL IMPORT FILL, COMPACT AND GRADE IN PREPARATION FOR SODDING.

EXISTING WALK TO REMAIN

CONTRACTOR STORAGE AREA

EXISTING WALK TO REMAIN

EXISTING ASPHALT PAVING TO REMAIN

CONTRACTOR LAYDOWN AND MATERIAL STORAGE AND DUMPSTER AREA WITHIN ASPHALT PARKING AREA. STORAGE AREA MUST STAY OUTSIDE DRIVEWAY LANE AND SHALL BE ENCLOSED BY TEMPORARY CHAIN LINK FENCING. ADDITIONAL STORAGE AREA IS AVAILABLE TO THE SOUTH FOR PLAY EQUIPMENT AREA AND TO THE NORTH FOR THE FITNESS EQUIPMENT AREA. SECURITY FOR ALL EQUIPMENT, MATERIALS, TOOLS, AND CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MAY REQUEST ADDITIONAL AREA FOR STORAGE AS REQUIRED. ALL REQUESTS MUST BE WRITTEN AND SUBMITTED TO CAPITAL PROJECTS PROJECT MANAGER FOR APPROVAL.

SEQUENCE OF DEMOLITION AND CONSTRUCTION

- DEMOLITION OF EXISTING SITE AS DESIGNATED ON PLAN AS AREA 1 AND PREPARE SITE FOR CONSTRUCTION OF NEW PLAYGROUND. DEMOLITION IN THESE AREAS ARE IN CONTRACT. ALL WORK SHALL BE PERFORMED BY THE CONTRACTOR. ALL TREE PROTECTION MEASURES ARE IN CONTRACT, THIS WORK SHALL BE PERFORMED IN ACCORDANCE TO ORANGE COUNTY CODE AND STANDARDS FOR AREAS 1 AND 2. ANY DAMAGE TO TREES SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMEDY AT THE COUNTY'S DISCRETION.
- CONSTRUCTION OF NEW PLAYGROUND IN AREA 1. INCLUDES ALL PLAY EQUIPMENT, SITE FURNISHINGS, POUR IN PLACE SAFETY SURFACING, GRADING AND DRAINAGE OF SURFACE BASE AS DETAILED, CONSTRUCTION OF NEW CONCRETE SIDEWALKS AND ANY OTHER ITEMS RELATED TO THE NEW PLAYGROUND SCOPE OF WORK.
- DEMOLITION OF EXISTING PLAYGROUND IN AREA 2. PREPARATION OF AREA 2 FOR CONSTRUCTION OF NEW FITNESS EQUIPMENT. DEMOLITION OF THIS AREA IS IN CONTRACT. THIS WORK SHALL BE PERFORMED BY THE CONTRACTOR AFTER COMPLETION OF THE NEW PLAYGROUND CONSTRUCTION IN AREA 1. ALL PLAYGROUND EQUIPMENT SCHEDULED FOR DEMOLITION SHALL BE DESTROYED OF IN ACCORDANCE WITH ORANGE COUNTY COMPTROLLER'S STANDARDS AND METHODOLOGIES. ALL REMOVED PLAY EQUIPMENT SHALL BE DESTROYED AND ANY METALS RECYCLED. THE CONTRACTOR SHALL PROVIDE PHOTOGRAPHIC AND LANDFILL INVOICE EVIDENCE OF THIS DISPOSAL AND ALL RECYCLING EFFORTS. ALL PLAY EQUIPMENT SHALL NOT BE RE-SOLD OR RE-USED IN ANY CAPACITY.
- DEMOLITION OF EXISTING PLAYGROUND IN AREA 3 IS IN CONTRACT. DEMOLITION OF THIS AREA'S EQUIPMENT SHALL BE PERFORMED BY CONTRACTOR IN ACCORDANCE WITH ORANGE COUNTY COMPTROLLER STANDARDS AND METHODOLOGIES AFTER COMPLETION OF THE NEW PLAYGROUND CONSTRUCTION IN AREA 1. ALL PLAY EQUIPMENT SHALL BE DESTROYED AND ANY METALS RECYCLED. THE CONTRACTOR SHALL PROVIDE PHOTOGRAPHIC AND LANDFILL INVOICE EVIDENCE OF THIS DISPOSAL AND ALL RECYCLING EFFORTS. ALL PLAY EQUIPMENT SHALL NOT BE RE-SOLD OR RE-USED IN ANY CAPACITY.
- CONSTRUCTION OF NEW FITNESS AREA AS SHOWN IN AREA 2. INCLUDES ALL FITNESS EQUIPMENT, GRADING AND DRAINAGE, CONCRETE PAVING, SITE FURNISHINGS AS REQUIRED.
- DEMOLITION OF EXISTING FITNESS EQUIPMENT IS IN CONTRACT. DEMOLITION OF THIS AREA SHALL BE PERFORMED BY CONTRACTOR IN ACCORDANCE TO ORANGE COUNTY COMPTROLLER'S STANDARDS AND METHODOLOGIES. ALL FITNESS EQUIPMENT SCHEDULED FOR DEMOLITION SHALL BE DESTROYED AND ANY METALS RECYCLED. CONTRACTOR SHALL PROVIDE PHOTOGRAPHIC AND LANDFILL INVOICE EVIDENCE OF THIS DISPOSAL AND ALL RECYCLING EFFORTS AFTER COMPLETION OF THE FITNESS AREA CONSTRUCTION. ALL FITNESS EQUIPMENT SHALL NOT BE RE-SOLD OR RE-USED IN ANY CAPACITY.
- ALL DOCUMENTATION OF THE DISPOSAL AND RECYCLING EFFORTS SHALL BE PROVIDED TO THE ORANGE COUNTY CAPITAL PROJECTS PROJECT MANAGER WITHIN 72 HOURS OF THE COMPLETION OF THE DISPOSAL AND RECYCLING PROCESS. ALL DOCUMENTS SHALL BE PERFORMED IN ACCORDANCE WITH ORANGE COUNTY'S COMPTROLLER'S STANDARDS AND METHODOLOGIES.

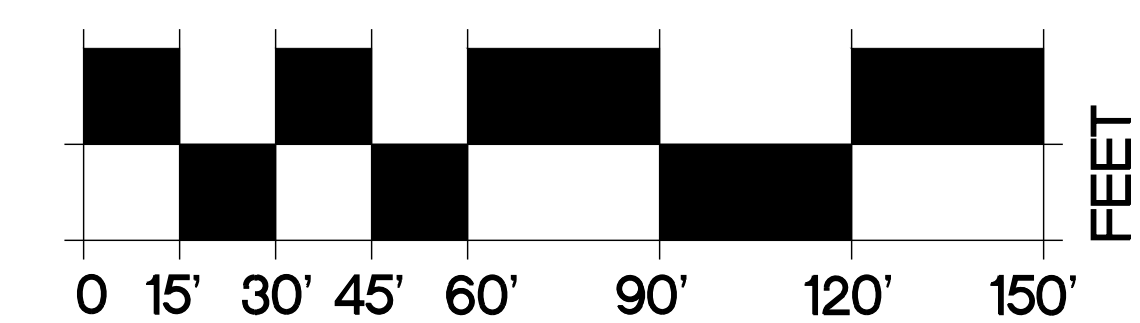
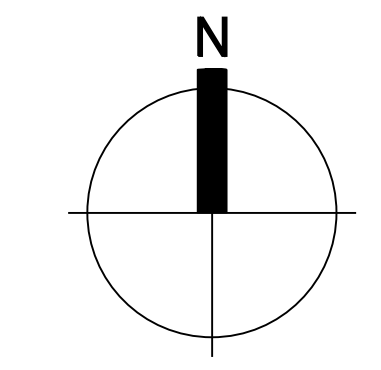
EXISTING WALK TO REMAIN

CONTRACTOR STORAGE AREA

AREA 1:
EXISTING PICNIC AREA TO BE DEMOLISHED FOR PROPOSED PLAYGROUND AREA

EXISTING CONDITIONS AND DEMOLITION PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819



NORTH

SCALE: 1" = 30'-0"

SHEET 3.0

DATE: _____ ENGINEER: JEFFREY J. EARTHART REG. NO. 49935

NOVEMBER 02, 2016 MS
BID SET 02-01-2017





REVISIONS	DATE	BY

PLAY EQUIPMENT LEGEND:

ITEM DESCRIPTION	QTY	BASIS OF DESIGN
MOLECULE PLAYSTRUCTURE MODEL M-0312		XCENT PLAY
SLIDES		
96' SECTIONAL SLIDE	1	XCENT PLAY
48' SINGLE WAVY SLIDE	1	XCENT PLAY
DECK CLIMBERS		
96' SUPER LOOP CLIMBER	1	XCENT PLAY
56' DISC CLIMBER	1	XCENT PLAY
OVERHEAD CLIMBERS		
SNAKE OVERHEAD LADDER	1	XCENT PLAY
90 DEGREE TRAPEZE OVERHEAD BAR	1	XCENT PLAY
RING CLIMBER OVERHEAD BAR	1	XCENT PLAY
GROUND LEVEL CLIMBERS		
ARCH SOLID ROCK WALL	1	XCENT PLAY
ROCKET ROPE CLIMBER	1	XCENT PLAY
COMET CLIMBER	1	XCENT PLAY
WAVEFORM CLIMBER	1	XCENT PLAY
STEPPING PODS	3	XCENT PLAY
SPINNERS		
SPINNER POD	1	XCENT PLAY
CLASSIX PLAYSTRUCTURE MODEL C-4932		XCENT PLAY
SLIDES		
48' SINGLE WAVY SLIDE	2	XCENT PLAY
48' DOUBLE DIP SLIDE	1	XCENT PLAY
40' RIGHT CURVE SLIDE	1	XCENT PLAY
DECK CLIMBERS		
48' SNAKE CLIMBER	1	XCENT PLAY
48' SUPER LOOP CLIMBER	1	XCENT PLAY
ACCESSORIES		
UNDER DECK BENCH	1	XCENT PLAY
CLOCK TIME TELLER PANEL	1	XCENT PLAY
PORTAL PANEL	1	XCENT PLAY
BUBBLE PANEL	1	XCENT PLAY
BONGO DRUM (POST MOUNT)	1	XCENT PLAY
SINGLE POST SWING BAY WITH TWO BELT SEATS	1	XCENT PLAY
SINGLE POST SWING BAY WITH ONE INFANT SEAT AND ONE ADA SEAT	1	XCENT PLAY
6' BENCH	4	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS ON SEAT AND BACK. SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS.
TRASH RECEPTACLE	1	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS WITH GALVANIZED DOME LID, GALVANIZED LINER. SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS
BIKE RACK	1	PILOT ROCK, GALVANIZED SADDLEBACK BIKE RACK FOR 7 BIKES
WATER FOUNTAIN	1	MOST DEPENDABLE FOUNTAIN, WITH HOSE BIB, BOTTLE FILLER, ADA BOWL, ADULT BOWL, CHILDS BOWL
SITE HORIZONS AND XCENT PLAY IS PRIMARY BASIS FOR DESIGN, CONTACT MARY LANGLEY, 407-947-6318		
REP SERVICES INC. AND LANDSCAPE STRUCTURES IS AN "OR EQUAL" ALTERNATE 1 FOR BASIS OF DESIGN, CONTACT NATHAN ALMOND, 407-831-9658		
DOMINICA RECREATION PRODUCTS AND GAMETIME IS AN "OR EQUAL" ALTERNATE 2 FOR BASIS OF DESIGN, CONTACT FRANK HOUSE, 407-331-0101		
PILOT ROCK BY RJ TOMAS MFG. CO., INC.; 800-762-5002 IS BASIS FOR DESIGN FOR BENCHES AND TRASH RECEPTACLES		



NOTE:
PLAYGROUND EQUIPMENT TO BE PERMITTED SEPARATELY
AND SHALL NOT BE PERMITTED WITH SITE PERMIT SET.

**PLAY EQUIPMENT PLAN
SHADOW BAY PARK AND FITNESS AREA**

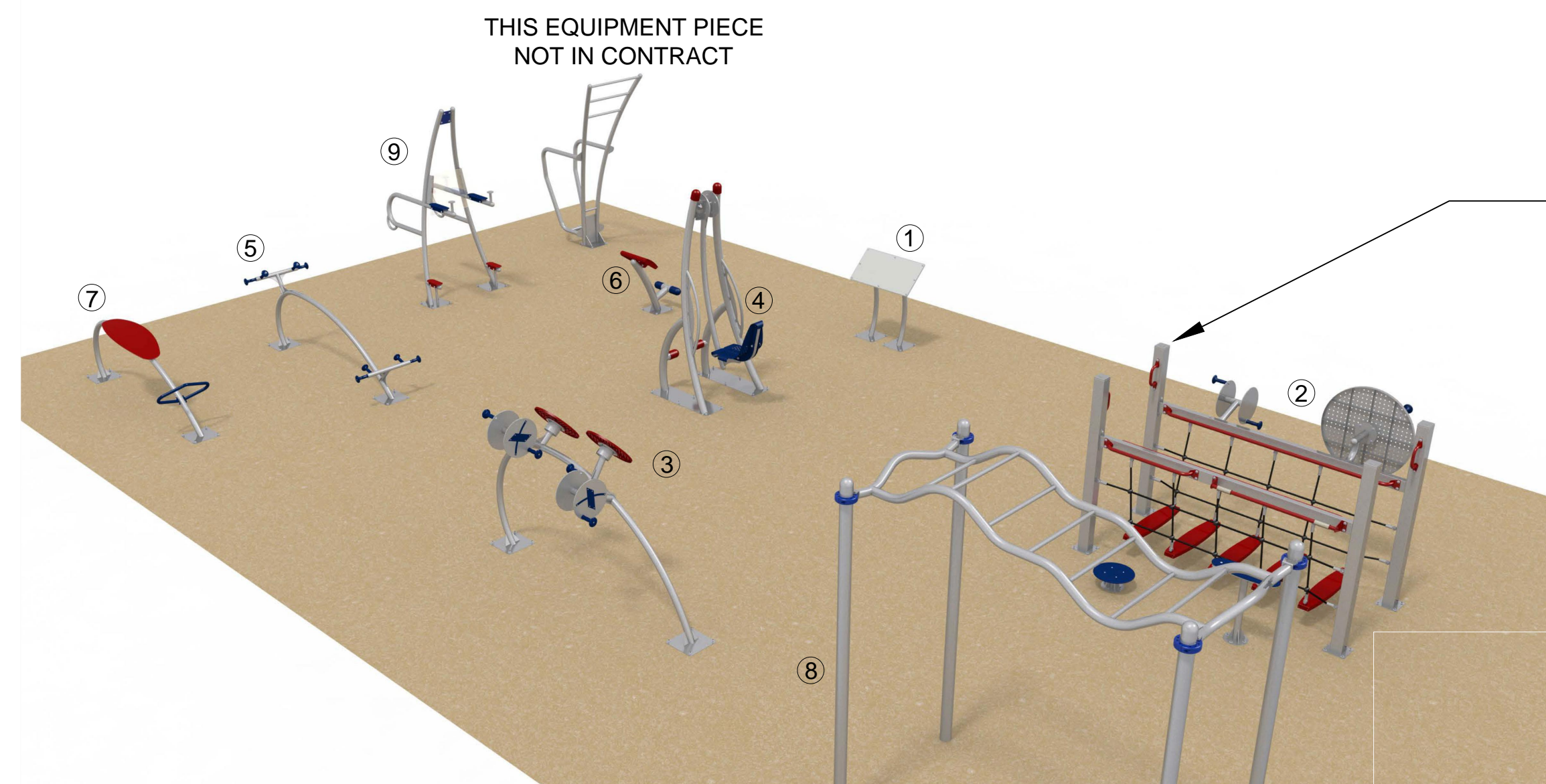
5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

NORTH

SCALE: 1" = 10'-0" SHEET 4.2



REVISIONS	DATE	BY



FITNESS EQUIPMENT SHOWN HERE WITH PATRIOT COLOR SCHEME. FINAL SELECTION AS PER LEGEND NOTE. THE WOODLANDS COLOR SCHEME IN SLATE, LIME, AND BLUE

FITNESS STATION NUMBER, SEE FITNESS EQUIPMENT LEGEND FOR EQUIPMENT SPECIFICATION AND MODEL NUMBER

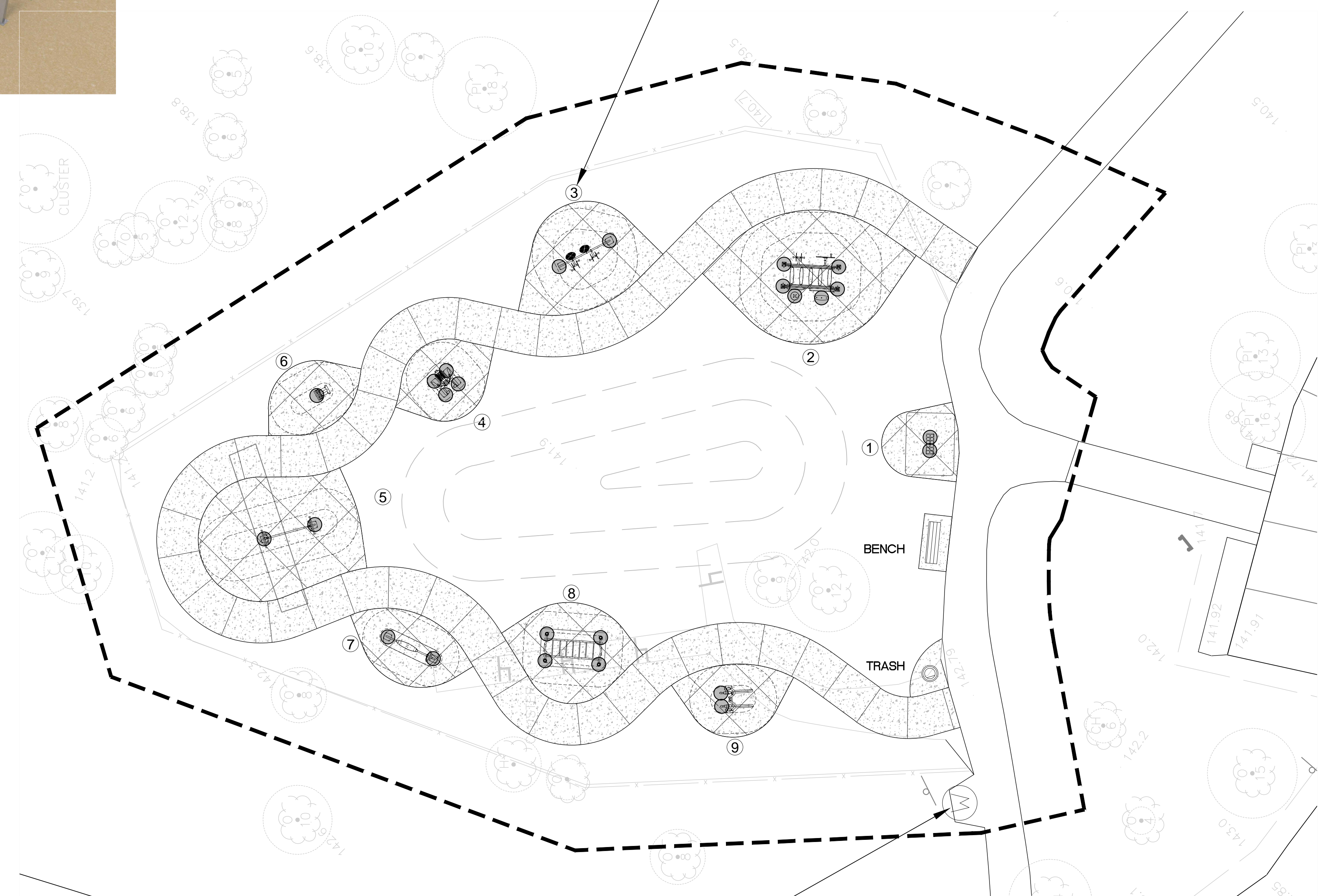
FITNESS EQUIPMENT LEGEND:

STATION	ITEM DESCRIPTION	QTY	BASIS OF DESIGN
1	INFORMATION BOARD, IN GROUND, 45237	1	XCCEMENT PLAY
2	ROPE BRIDGE WELLNES STATION, IN GROUND, 53084	1	XCCEMENT PLAY
3	TAI CHI DOUBBLE HAND BIKE COMBO, IN GROUND, 48978	1	XCCEMENT PLAY
4	ARM AND LEG PRESS, INGROUND, 50471	1	XCCEMENT PLAY
5	COMPOUND PUSH UP, IN GROUND, 48940	1	XCCEMENT PLAY
6	SINGLE LOWER BACK TRAINER (SHORT) IN GROUND, 50488	1	XCCEMENT PLAY
7	TORSO BENCH, IN GROUND, 45228	1	XCCEMENT PLAY
8	WAVE LADDER, IN GROUND, 48972	1	XCCEMENT PLAY
9	KNEE RAISE DIP COMBO, IN GROUND, 50421	1	XCCEMENT PLAY

NOTE:
COLOR SCHEME FOR ALL FITNESS STATIONS SHALL BE THE WOODLANDS COLOR SCHEME, SLATE, LIME, BLUE.

6' BENCH	1	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS ON SEAT AND BACK, SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS.
TRASH RECEPTACLE	1	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS WITH GALVANIZED DOME LID, GALVANIZED LINER, SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS

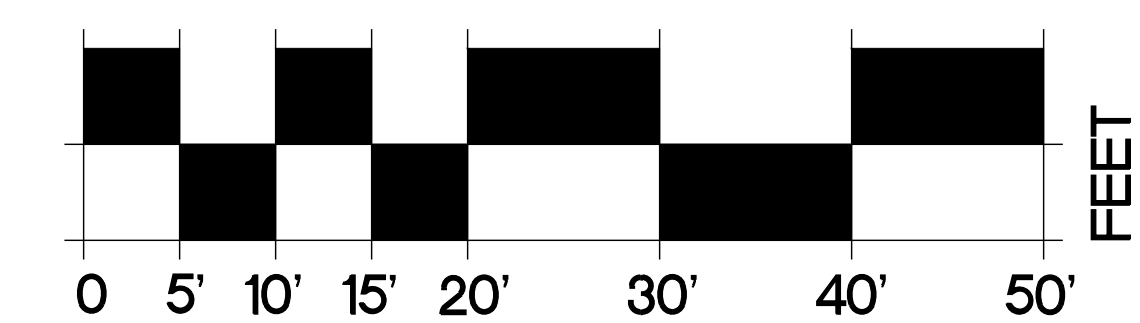
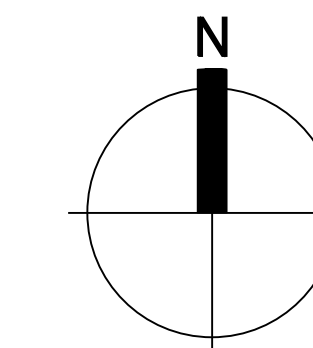
SITE HORIZONS AND XCCEMENT PLAY IS PRIMARY BASIS FOR DESIGN, CONTACT MARY LANGLEY; 407-947-6318
 REP SERVICES INC. AND LANDSCAPE STRUCTURES IS AN "OR EQUAL" ALTERNATE 1 FOR BASIS OF DESIGN, CONTACT NATHAN ALMOND, 407-831-9658
 DOMINICA RECREATION PRODUCTS AND GAMETIME IS AN "OR EQUAL" ALTERNATE 2 FOR BASIS OF DESIGN, CONTACT FRANK HOUSE, 407-331-0101
 PILOT ROCK BY RJ TOMAS MFG. CO., INC.; 800-762-5002 IS BASIS FOR DESIGN FOR BENCHES AND TRASH RECEPTACLES



EXISTING WATER FOUNTAIN TO REMAIN. CONTACTOR SHALL PREPARE FOUNTAIN FOR PAINT AND PAINT TO MATCH FOUNTAIN COLOR AT PLAY EQUIPMENT AREA

NOTE:
PLAYGROUND EQUIPMENT TO BE PERMITTED SEPARATELY AND SHALL NOT BE PERMITTED WITH SITE PERMIT SET.

FITNESS EQUIPMENT PLAN SHADOW BAY PARK AND FITNESS AREA



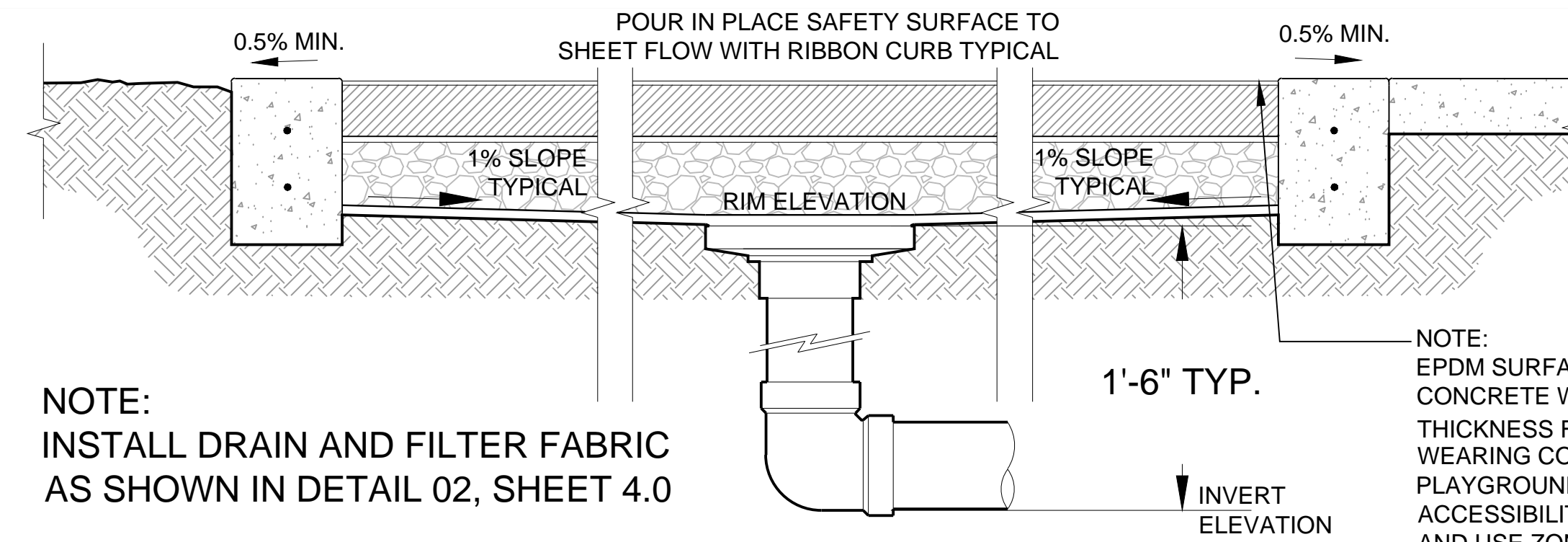
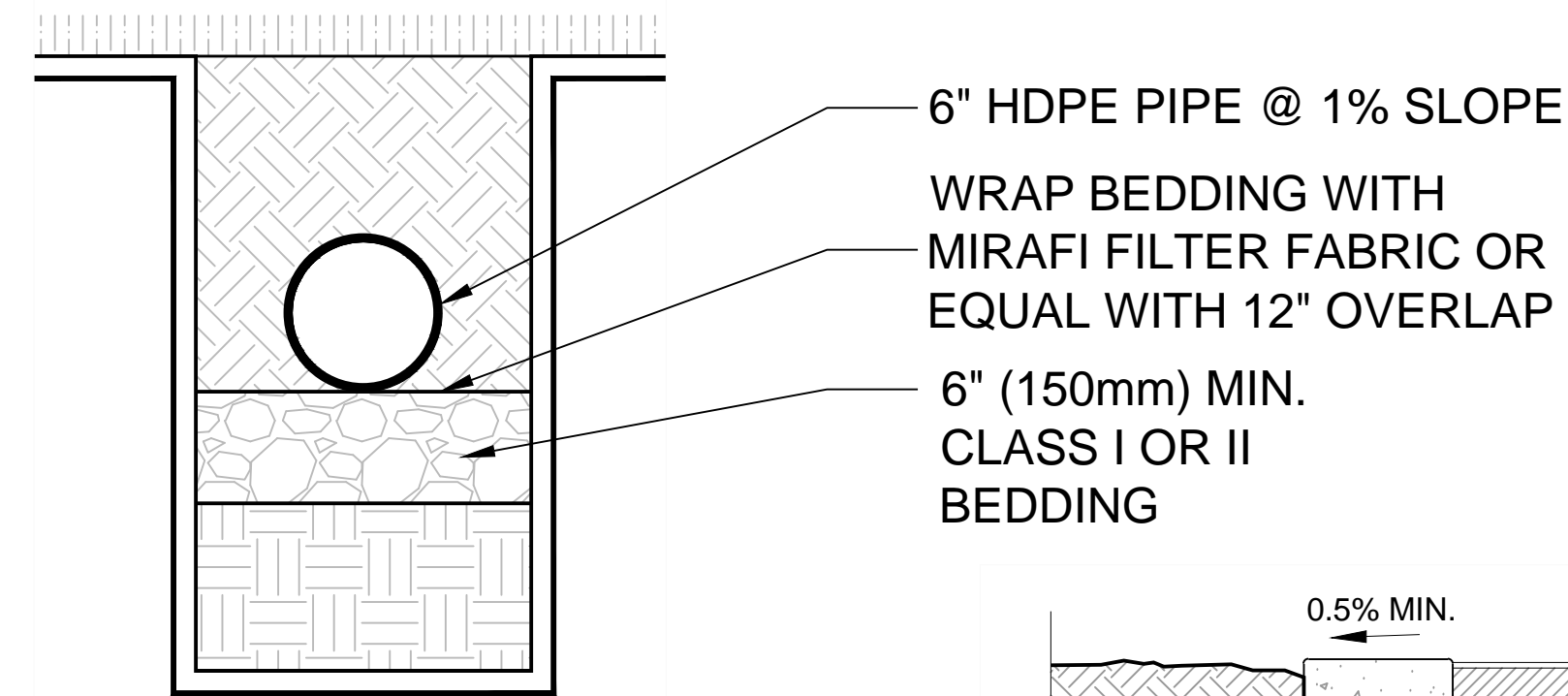
GRADING LEGEND:

- XFG EXISTING FINISH GRADE ELEVATION
- XFS EXISTING FINISH SURFACE ELEVATION
- XRIM EXISTING RIM ELEVATION
- FG PROPOSED FINISH GRADE ELEVATION
- FS PROPOSED FINISH SURFACE ELEVATION
- UI PROPOSED UPPER INVERT ELEVATION
- LI PROPOSED LOWER INVERT ELEVATION
- RIM PROPOSED RIM ELEVATION
- TC TOP OF CURB ELEVATION
- FLUSH PROPOSED CONSTRUCTION SETS FLUSH WITH EXISTING OR PROPOSED PAVING

GRADING AND DRAINAGE NOTES:

1. EXISTING CONCRETE AT PERIMETER TO REMAIN IN PLACE WITH THE EXCEPTION OF THE CUT AREA FOR THE DRAIN PIPE CROSSING. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AND DRAINAGE TAKE OFFS AND ANY REQUIRED MEANS AND METHODS TO PERFORM GRADING AND DRAINAGE FOR SITE REQUIREMENTS. CONCRETE CUT BY DEMOLITION CONTRACTOR.
2. PROPOSED CONCRETE PAVEMENT FINISH SURFACE GRADES SHOWN HERE. PROPOSED UNDERGROUND DRAINAGE AND SURFACE STRUCTURES SHOWN HERE. REFERENCE GRADE AT EXISTING DRAINAGE STRUCTURE IS SHOWN RELATIVE TO BALANCE OF FIELD SHOT GRADES.
3. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AS SHOWN ON PLAN PRIOR TO INSTALLATION OF DRAINAGE STRUCTURES AND PIPING, AND ALL PROPOSED CONCRETE PAVING.
4. ALL EXCESS SOIL REQUIRED FOR REMOVAL SHALL BE PLACED AND GRADED ON-SITE AT A LOCATION DETERMINED BY PROJECT MANAGER.
5. ALL PIPE AND FITTINGS SHALL BE WATER TIGHT FITTINGS.
6. SEE THIS SHEET AND SHEET 6.0 FOR DRAINAGE DETAILS.

03 TRENCH DETAIL

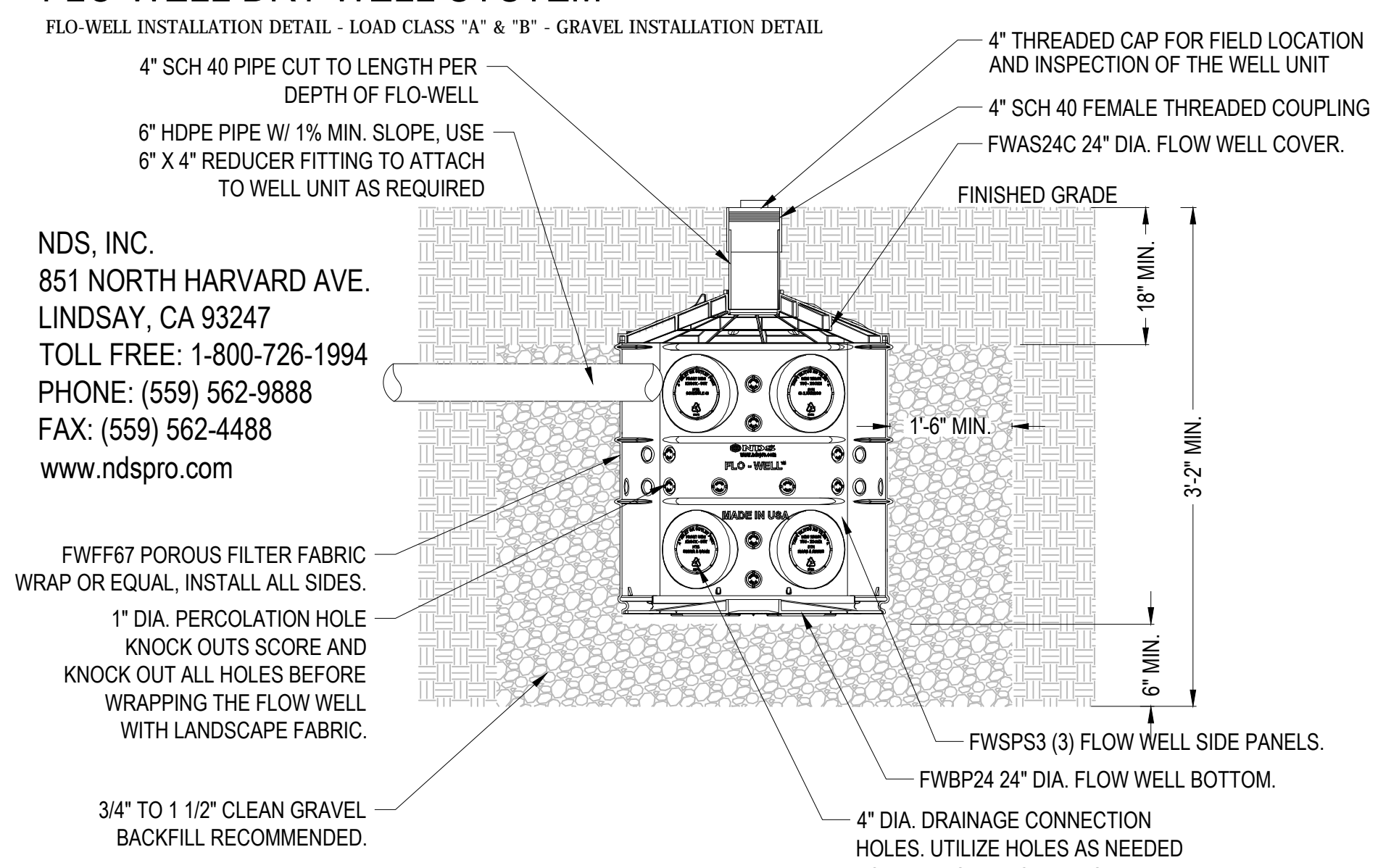


NOTE:
INSTALL DRAIN AND FILTER FABRIC AS SHOWN IN DETAIL 02, SHEET 4.0

NOTE:
EPDM SURFACE EDGE SHALL BE FLUSH WITH CONCRETE WALK OR RIBBON CURB. EPDM THICKNESS FOR 8' FALL HEIGHT WITH 3/8" WEARING COURSE, TYPICAL. THE NEW PLAYGROUND SAFETY SURFACE SHALL MEET ACCESSIBILITY REQUIREMENTS OF ASTM F1951 AND USE ZONES SHALL MEET ASTM F1292 PER FC 1008.2.6

01 SAFETY SURFACE DRAINAGE DETAIL

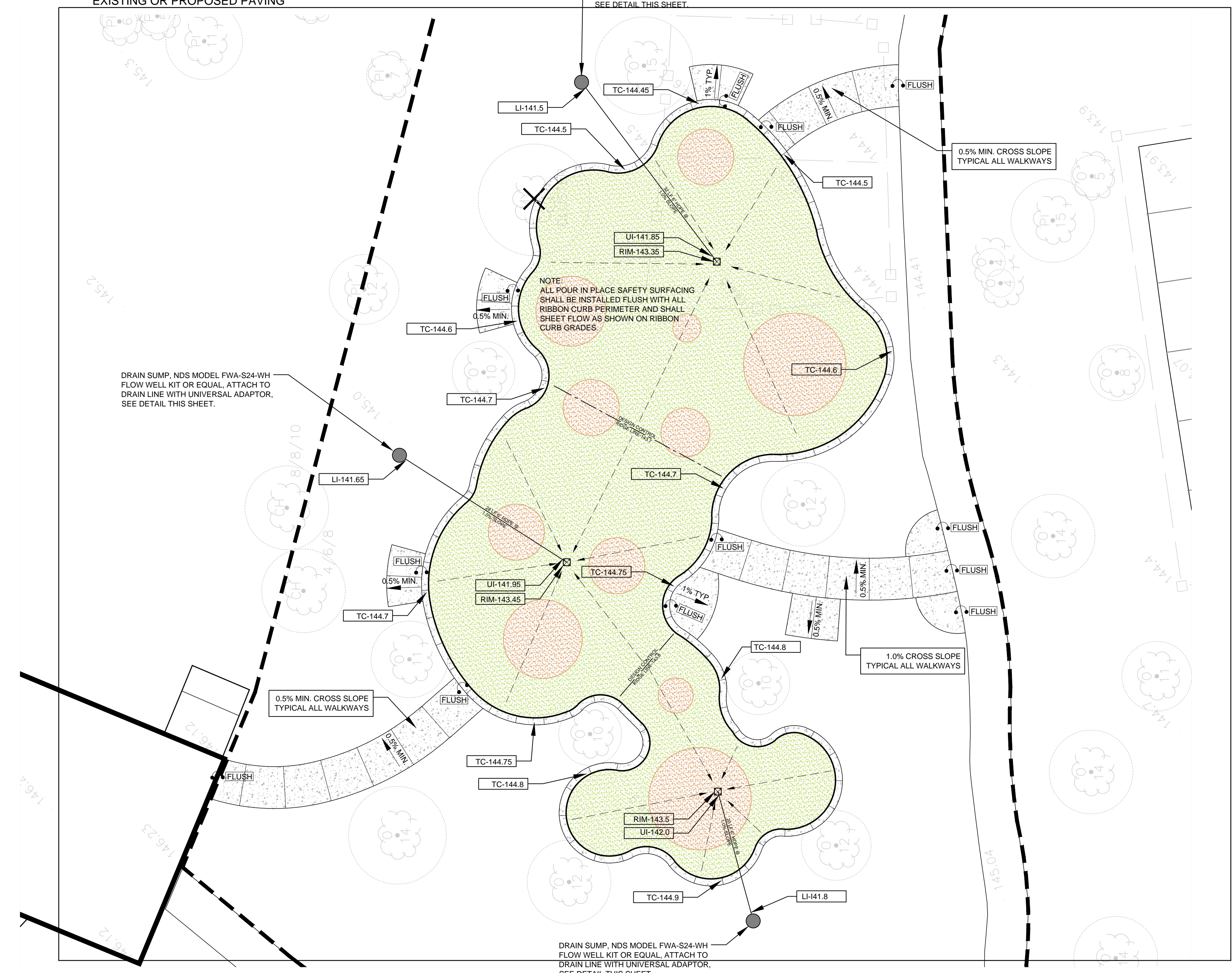
FLO-WELL DRY WELL SYSTEM



NDS, INC.
851 NORTH HARVARD AVE.
LINDSAY, CA 93247
TOLL FREE: 1-800-726-1994
PHONE: (559) 562-9888
FAX: (559) 562-4488
www.ndspro.com

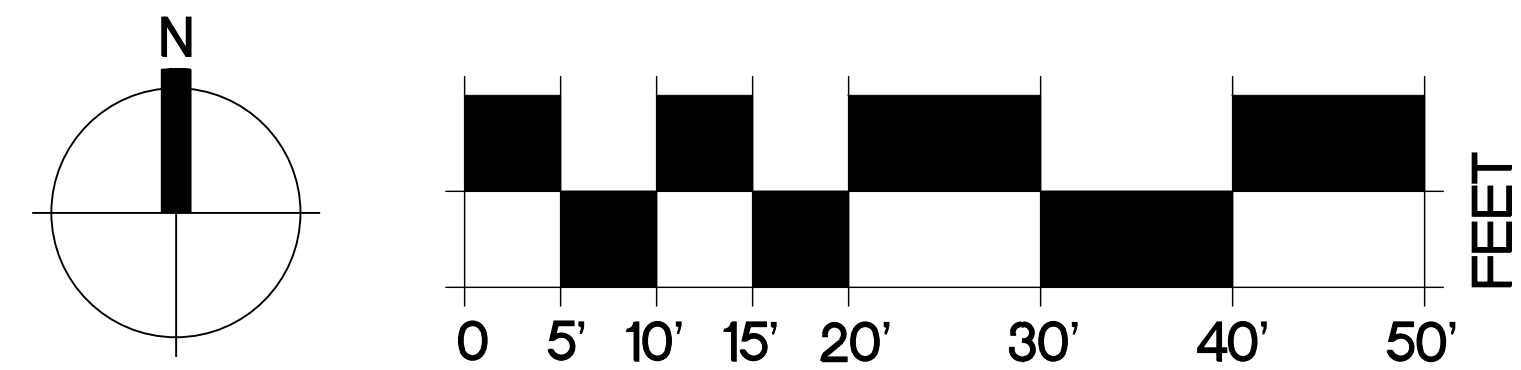
- NOTES:
1. MUST BE INSTALLED 10' AWAY FROM STRUCTURE OR FOUNDATION.
 2. FWAS24 KIT DOES NOT COME WITH FWBP24 BTM.
 3. REFERENCE FLO-WELL CALCULATOR ON NDSPRO.COM
 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 5. DO NOT SCALE DRAWING.

02 NDS FLOW WELL DRY WELL DRAINAGE DETAIL



**PLAY AREA GRADING AND DRAINAGE PLAN
SHADOW BAY PARK PLAY AND FITNESS AREA**

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819



NORTH SCALE: 1" = 10'-0" SHEET 5.0

DATE: _____ ENGINEER: _____ REG. NO. 49935
JEFFREY J. EARHART

SEPTEMBER 30, 2016 MS
BID SET 02-01-2017



REVISIONS	DATE	BY

TEAM Engineering, LLC