



1. **MARK CLEARING LIMITS.**
THE BOUNDARIES OF THE CLEARING LIMITS SHALL BE CLEARLY FLAGGED OR FENCED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE OF CONSTRUCTION FLAGGED OR FENCED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING AND/OR FENCING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
2. **ESTABLISH CONSTRUCTION ACCESS.**
MAINTAIN EXISTING ASPHALT SURFACING AND DRIVEWAYS AS LONG AS FEASIBLE. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE TIME THE EXISTING ASPHALT SURFACING IS REMOVED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE PERMANENT PAVEMENT SECTION IS PREPARED. ADDITIONAL MEASURES MAY BE REQUIRED TO KEEP PAVED AREAS CLEAN. PARK EMPLOYEE SUBCONTRACTOR, AND MATERIALS VEHICLES ON A STABILIZED PARKING AREA.
3. **CONTROL FLOW RATES.**
PROTECT ADJACENT, DOWNSTREAM PROPERTIES FROM EROSION AND SEDIMENTATION THROUGH USE OF TEMPORARY CONSTRUCTION STORMWATER BMPs. IF PERMANENT STORMWATER MANAGEMENT FACILITIES ARE UTILIZED FOR FLOW CONTROL DURING CONSTRUCTION, THEY SHALL BE PROTECTED FROM SILTATION. APPLICABLE BMPs INCLUDE INLET PROTECTION MEASURES SUCH AS SILT FENCE, GRAVEL FILTER BERM, STRAW BALE BARRIER, STRAW WALLS OR BELOW GRADE INLET FILTERS.
4. **INSTALL SEDIMENT CONTROLS.**
BMPs INTENDED TO TRAP SEDIMENT ONSITE SHALL BE CONSTRUCTED AS ONE OF THE FIRST CONSTRUCTION ACTIONS, AND SHALL BE FUNCTIONAL PRIOR TO GRADING OPERATIONS. BMPs SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. BMPs SUCH AS POLYACRYLAMIDE (PAM) FOR FLOW EROSION PROTECTION, DUST CONTROL MEASURES, AND SEDIMENT TRAPS. FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND CAUTIONS REGARDING HANDLING AND APPLICATION WHEN USING DUST ADDITIVES. USED OIL IS PROHIBITED FROM USE AS A DUST SUPPRESSANT. PAM MAY BE (BMP C126) APPLIED TO WATER AT A RATE OF 0.5 LBS. PER 1,000 GALLONS OF WATER PER ACRE AND APPLIED FROM A WATER TRUCK AND IS MOST EFFECTIVE WHEN APPLIED PROMPTLY REMOVE MUD AND DIRT FROM CITY STREETS AND STABILIZED SURFACES ON THE SITE.
5. **STABILIZE SOILS.**
EXPOSED AND UNWORKED SOILS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED AS SOON AS PRACTICABLE. ERODIBLE SOIL NOT BEING WORKED, WHETHER AT FINAL GRADE OR EXPOSED TO EROSION, SHALL BE COVERED WITHIN THE FOLLOWING TIME PERIOD USING AN APPROVED SOIL COVER PRACTICE: JULY 1 THROUGH SEPTEMBER 30 ~ 30 DAYS; OCTOBER 1 THROUGH JUNE 30 ~ 15 DAYS

PROTECT SOLIDS.

PLACE EXCAVATED MATERIAL ON UPGRADE SIDE OF TRENCHES, IN A MANNER CONSISTENT WITH SAFETY REGULATIONS AND SPACE CONSIDERATIONS.

7. CONTROL POLLUTANTS.

REFUSE AND POLLUTANTS SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CONTAMINATE STORMWATER. PROTECT, COVER, AND CONTAIN CHEMICALS, LIQUID AND SOLID WASTES, AND NON-INTERFERE WITH SPILL PREVENTION MEASURES DURING MAINTENANCE AND REPAIR OF HIGH EQUIPMENT AND HAVE CONTROL AND CONTAINMENT DEVICES ON-HAND. INSTALL AND MAINTAIN A CONCRETE WASHOUT AREA. CONTROL DUST THROUGH USE OF WATERING AND/OR DUST PALLIATIVES - SEE NOTE 4. IRRIGATION WATER CAN BE USED FOR DUST CONTROL. IRRIGATION SYSTEMS SHOULD BE INSTALLED AS A FIRST STEP TO PREVENT DUST. WATERING SHALL BE USED TO PREVENT DUST CONTROL. SHALL NOT LEAVE THE SITE AS SURFACE RUNOFF. USE SLOW SPEEDS TRAVELING ACROSS THE DISTURBED SITE. LIMIT DUST-CAUSING WORK ON WINDY DAYS.

8. CONTROL DEWATERING.

CONDITIONS REQUIRING DEWATERING ARE NOT ANTICIPATED AT THIS SITE. SHOULD DEWATERING BE NECESSARY, UNCONTAMINATED DEWATERING WATER SHALL BE DISPOSED OF THROUGH USE OF INFILTRATION. CONTAMINATED DEWATERING WATER SHALL BE HANDLED SEPARATELY FROM DRAINAGE WATER AND IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS.

9. MAINTAIN BMP'S.

ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, ALL ON-SITE EROSION AND SEDIMENT CONTROL MEASURES, AND ALL STORMWATER DISCHARGE POINTS SHALL BE INSPECTED AT LEAST ONCE EVERY CALENDAR WEEK AND WITHIN 24 HOURS OF RUNOFF EVENTS IN WHICH STORMWATER DISCHARGES FROM THE SITE. INSPECTIONS OF TEMPORARILY STABILIZED, INACTIVE SITES MAY BE REDUCED TO ONCE EVERY CALENDAR MONTH. THE BMP'S SHALL BE MAINTAINED TO PROMOTE THEIR CONTINUED FUNCTION AND OPERATION. ADDITIONAL BMP'S MAY BE REQUIRED, SUCH AS SLOTTED LOGS, REDUCTION OF DITCHES AND SALT FELTS, ETC.) MAY BE NECESSARY TO DUE TO UNEXPECTED STORM EVENTS OR CHANGED SITE CONDITIONS OR CONSTRUCTION APPROACH. MAINTAIN FREQUENTLY REQUIRED MATERIALS ON HAND.

10. MANAGE THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED FOR CONTROL OF EROSION AND SEDIMENTATION FOR THE PROJECT. THE IMPLEMENTATION AND MODIFICATION OF THE T.E.S.C. PLAN IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED, AND VEGETATION/LANDSCAPING IS COMPLETED. THE T.E.S.C. PLAN MUST BE MAINTAINED ON THE CONSTRUCTION SITE FOR REFERENCE AND USE BY PROJECT PERSONNEL AND SHALL BE MODIFIED IF IT IS INEFFECTIVE IN MINIMIZING POLLUTANTS IN STORMWATER DISCHARGE OR DUST CONTROL. DAMAGED OR INADEQUATE BMP'S MUST BE CORRECTED IMMEDIATELY. THE BMP'S SHOWN ON THIS PLAN MUST BE MAINTAINED THROUGHOUT THE PROJECT PRIOR TO CELEBRATING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO PREVENT SEDIMENT-LADEN WATER FROM ENTERING THE DRAINAGE SYSTEM, LEAVING THE SITE, OR VIOLATING APPLICABLE WATER QUALITY STANDARDS.

DRY LAND SEED MIX SHALL BE USED FOR ALL DISTURBED AREAS OTHER THAN THE PLAYGROUND AND BATHROOM AREA AND PLACED AT 20-25 POUNDS PER ACRE. SEED SHALL BE PLACED DURING PERIODS WHEN SATISFACTORY RESULTS MAY BE OBTAINED OR OTHERWISE TEMPORARY / BIODEGRADABLE EROSION CONTROL MEASURES SHALL BE PROVIDED UNTIL SUITABLE SEEDING WINDOWS ARE ACHIEVABLE.

PROHIBITED WEED	0% MAX.
NOXIOUS WEED	0% MAX.
OTHER WEED	0.20% MAX.
OTHER CROP	0.40% MAX.

FILL/CUT QUANTITIES TABLE				
	CUT	FILL	NET (CU YDS)	MATERIAL
A	209.32	23.26	136.05 CUT	DIRT
B	40.37	70.27	29.90 FILL	HOLE WITH LARGE ROCKS
C	85.36	118.66	32.68 FILL	HOLE WITH LARGE ROCKS
D	578.42	7.14	571.28 CUT	BARK
E	1323.07	5.07	1318.00 CUT	DIRT WITH LARGE ROCKS

KEYED NOTES - DEMO

- 1 REMOVE IRRIGATION BOX AND CONTROLS
- 2 REMOVE IRRIGATION PRV AND VALVE BOX
- 3 REMOVE POWER POLE AND RETURN METER TO CCPUID
- 4 CONTRACTOR MAY USE SOIL PILE A AND THE SOIL PILE LOCATED AT LOCATION C FOR TYPE B TOPSOIL SHOWN ON C1.2. CONTRACTOR MUST SCREEN MATERIAL TO MEET TOPSOIL B REQUIREMENTS FOR LAWN AREA. ROCKS WITHIN SOIL PILE E TO BE USED AS FILL MATERIAL FOR HOLES LOCATED AT LOCATIONS A, B, AND C IN ACCORDANCE WITH C2.0. PROVIDE 6" LAYER OF NON-SCREENED SOIL OVER ROCKS TO PROVIDE SMOOTH SURFACE AT LOCATIONS A, B, AND C. THE REMAINDER OF PILE E TO BE MOVED TO LOCATION 5 AND LEVELED. SCREENING NOT REQUIRED
- 5 ROCK STOCKPILE AREA
- 6 CONSTRUCTION ENTRANCE, SEE C4.0

KEYED NOTES - EXISTING	
1	SOCCER FIELD
2	PLAYGROUND
3	IRRIGATION CONTROL BOX
4	PAVED PARKING
5	GRAVEL PARKING
6	MAINTENANCE SHED
7	DISCONNECTED POWER POLE
8	EXISTING IRRIGATION PRV AND VALVE BOX
9	EXISTING 2" DOMESTIC WATER METER

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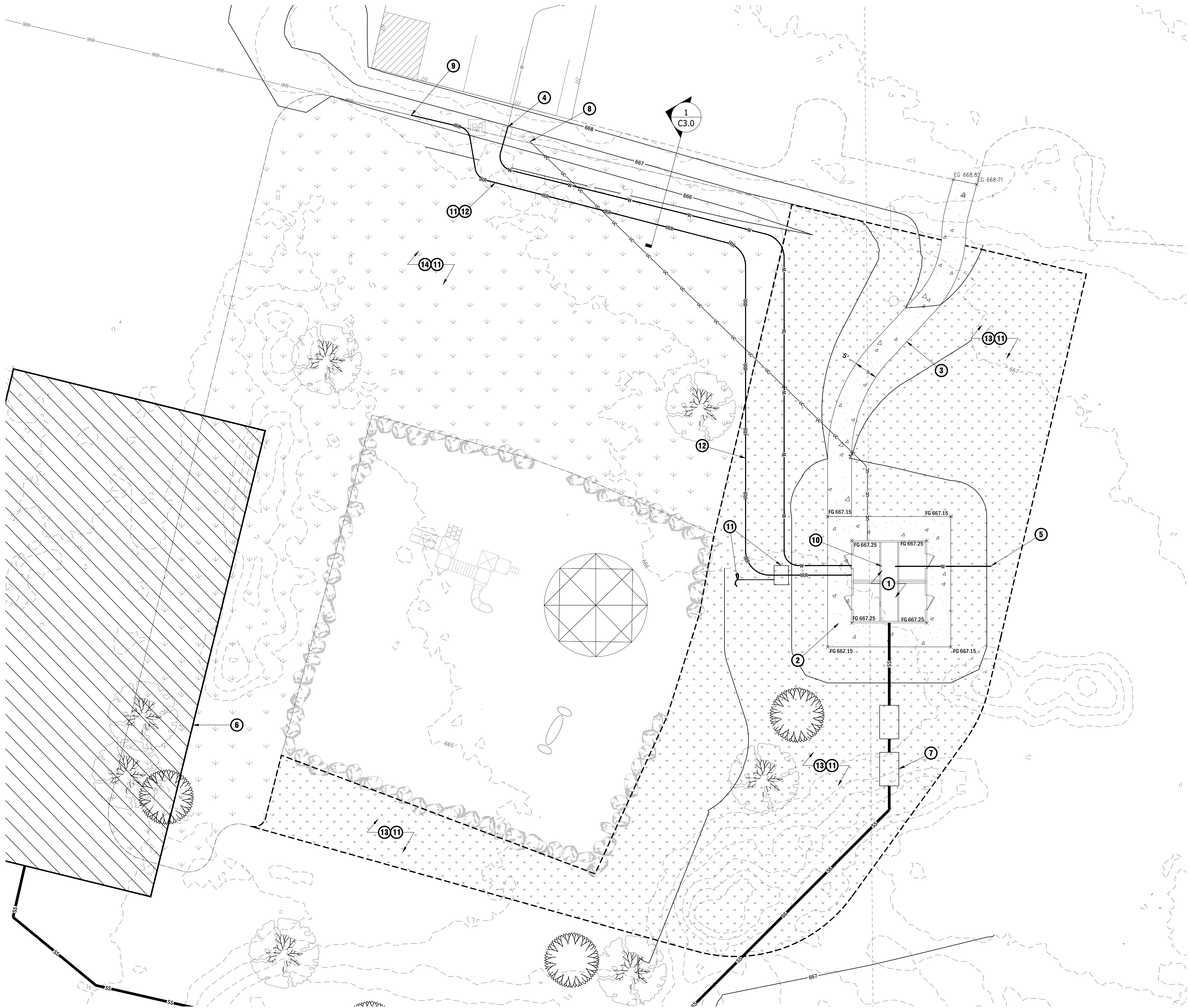
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EXISTING SITE, DEMO & TESC PLAN

C1.2



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KEYED NOTES - PROPOSED			
1	21' x 26' CXT STANDARD BUILDING PROVIDED BY CONTRACTOR. SEE 2/C3.0		
2	5' WIDE CEMENT CONCRETE APRON. SEE 3/C3.0		
3	80 LF 5' CEMENT CONCRETE SIDEWALK. SEE 3/C3.0		
4	REMOVE EXISTING VALVE BOX, 149 LF 2" Ø SDR 11 PE SERVICE TO BATHROOM MECHANICAL ROOM		
5	20 LF 2" Ø SDR 11 PE STUB OUT SERVICE TO FUTURE DOMESTIC WELL. PROVIDE SEALED CAP, MARKING POST AND REBAR AT STUB END		
6	100' x 54' DRAINFIELD DESIGNED BY OTHERS. SEE ON-SITE SEWAGE SYSTEM DESIGN PLAN		
7	SEPTIC TANK AND PUMP CHAMBER DESIGNED BY OTHERS. SEE ON-SITE SEWAGE SYSTEM DESIGN PLAN.		
8	COORDINATE NEW POWER SERVICE CONNECTION WITH CCPUD. PROVIDE NEW CONDUIT AND WIRE TO MECHANICAL ROOM. APPROXIMATELY 130 FT.		
9	CONNECT NEW IRRIGATION MAIN TO EXISTING IRRIGATION		
10	RP AND 2" Ø DOUBLE CHECK ASSEMBLY LOCATED IN MECHANICAL ROOM. SEE 4/C3.0		
11	CONTRACTOR TO PROVIDE DESIGN/BUILD OF NEW IRRIGATION SYSTEM FOR EXISTING PLAYGROUND AREA GRASS AND PROPOSED BATHROOM AREA GRASS (NOTES 13 AND 14) AND PROVIDE CONNECTION TO RE-SERVICE THE EXISTING SOCCER FIELD IRRIGATION SYSTEM. LOCATE NEW IRRIGATION CONTROLLER IN MECH ROOM		
12	160 LF 2" Ø SDR 11 PE IRRIGATION MAIN TO EXISTING SOCCER FIELD		
13	10,130 SF NEW GRASS. PROVIDE 6" MIN DEPTH COMPACTED TOP SOIL. DESIGN/BUILD IRRIGATION SYSTEM AND HYDROSEED		
14	NEW DESIGN BUILD IRRIGATION SYSTEM AREA		

NOTE:
DESIGN BUILD IRRIGATION AREA IS DEFINED AS THE NEW LAWN GRASS AROUND THE RESTROOM AND THE EXISTING GRASS AROUND THE PLAYGROUND IN ACCORDANCE WITH NOTES 11, 13, AND 14. TRENCHES CUT THROUGH EXISTING GRASS LAWN FOR IRRIGATION INSTALLATION SHALL BE REPAIRED AND RESEEDED WITH LAWN SEED MIX IN ACCORDANCE WITH THE SPECIFICATIONS.

LEGEND	
	RIGHT-OF-WAY LINE
	EASEMENT LINE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	PROPOSED SANITARY SEWER
	PROPOSED DOMESTIC WATER LINE
	PROPOSED IRRIGATION
	PROPOSED POWER CONDUIT
	EXISTING WATER LINE
	EXISTING IRRIGATION
	FUTURE WATER
	PROPOSED RECYCLED BARK
	PROPOSED CONCRETE
	PROPOSED CRUSHED SURFACING
	PROPOSED GRASS OR LANDSCAPING

N
**DETAILED SITE, GRADING
AND UTILITY PLAN**
SCALE: 1" = 10'

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0 1"

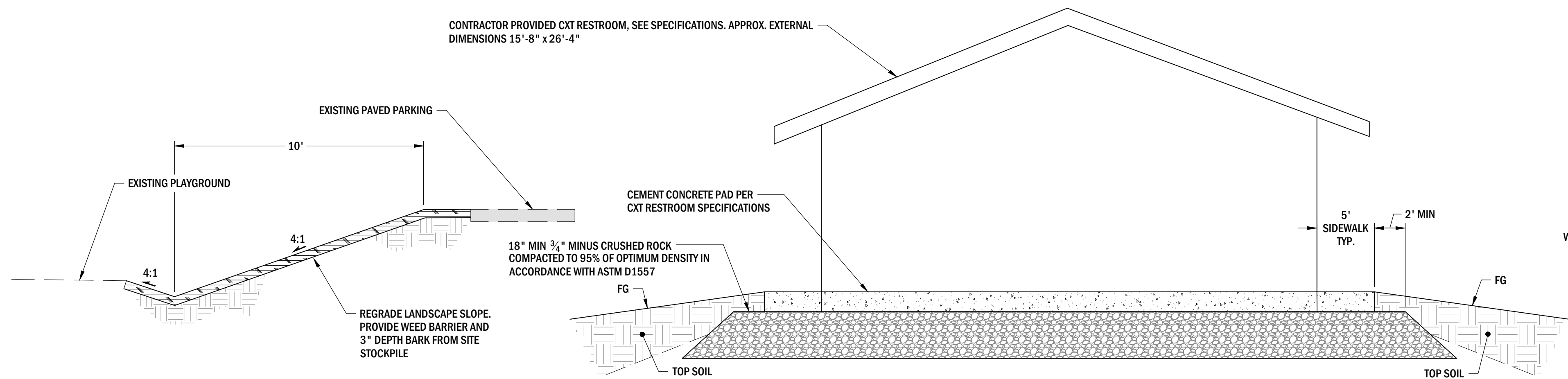
**DETAILED SITE,
GRADING AND
UTILITY PLAN**

C2.1



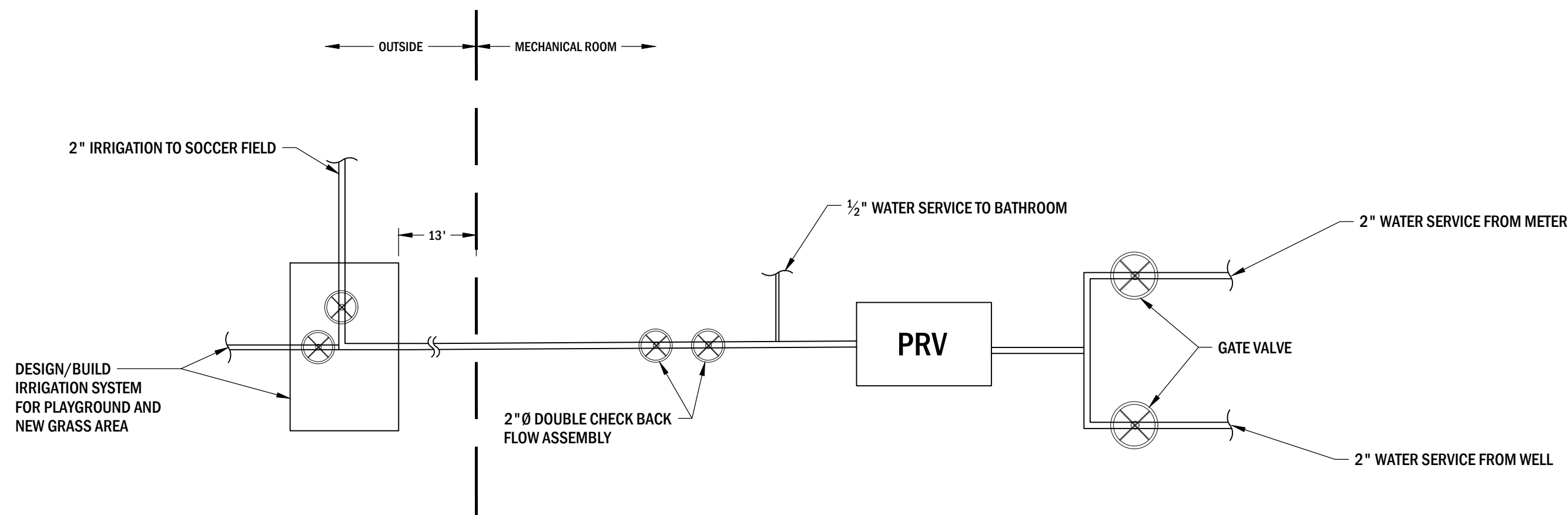
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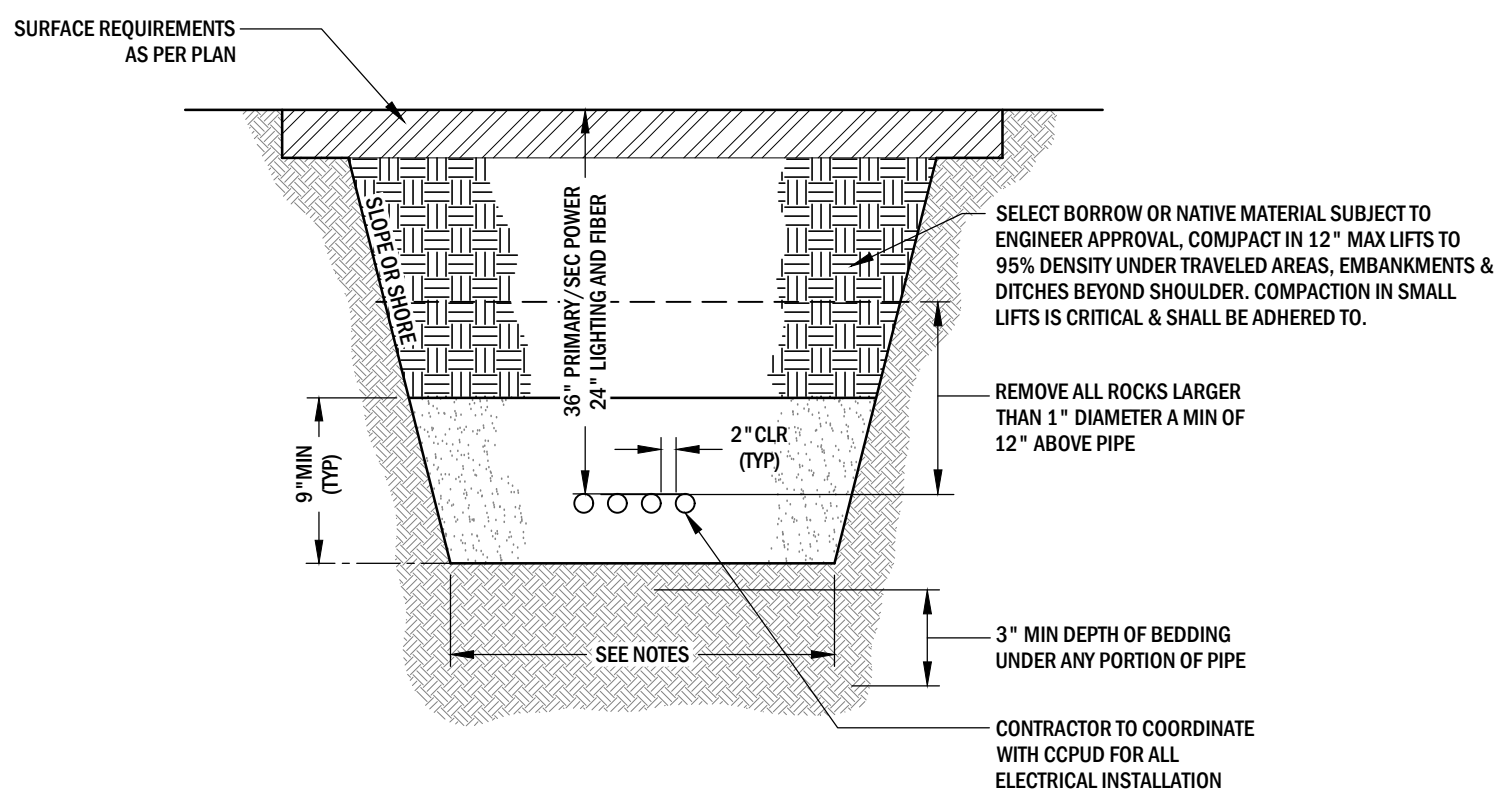
1 PARKING SECTION
NOT TO SCALE

2 PLAYGROUND BATHROOM PAD
NOT TO SCALE



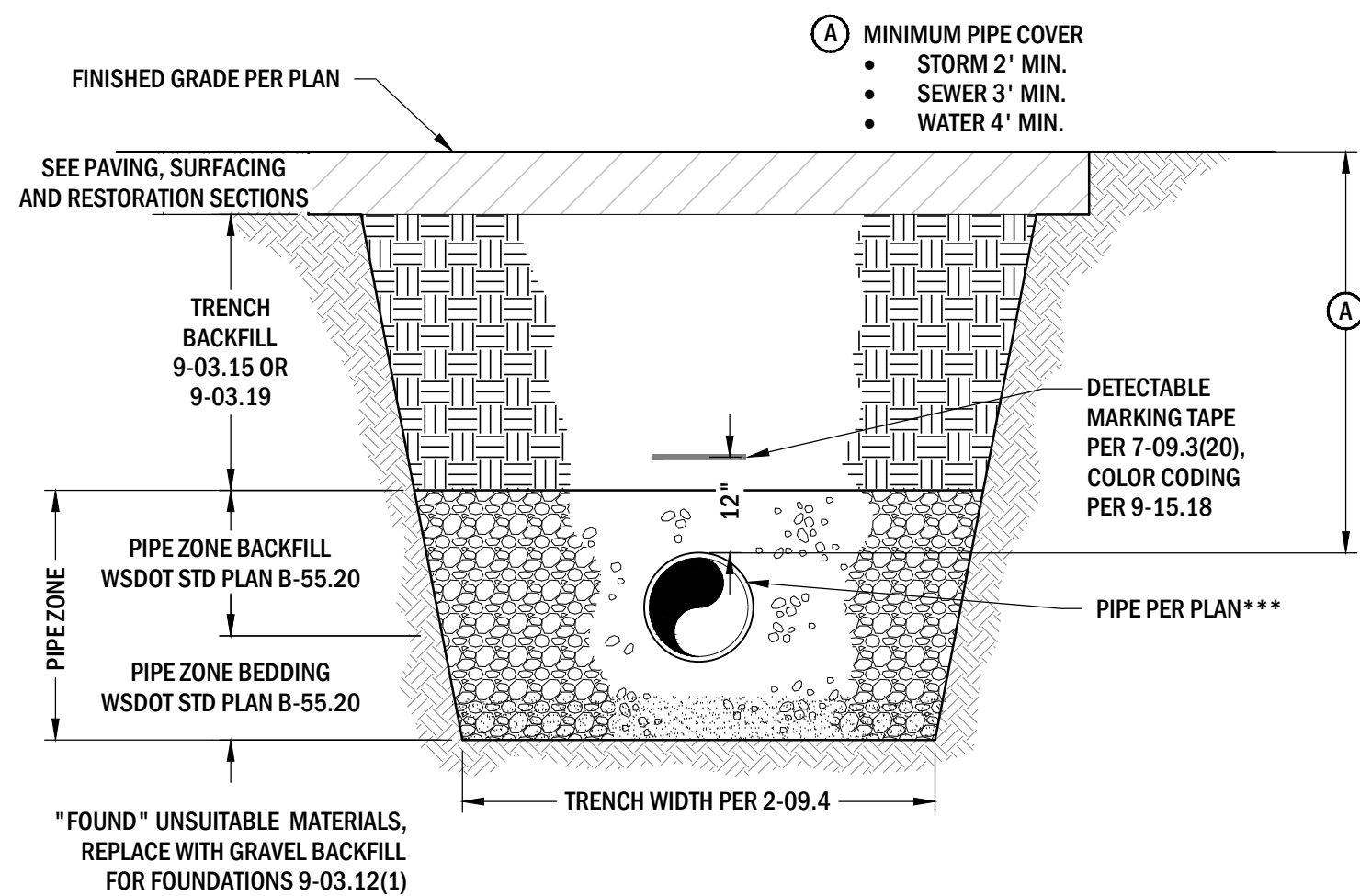
3 CONCRETE APRON / CONCRETE SIDEWALK DETAILS
NOT TO SCALE

4 MECHANICAL ROOM WATER SCHEMATIC
NOT TO SCALE



5 ELECTRICAL TRENCH SECTION
NOT TO SCALE

- GENERAL NOTES:
1. PROVIDE 2" SEPARATION BETWEEN MULTIPLE CONDUITS AND NEAREST SIDEWALL
 2. MAINTAIN 12" MIN. SEPARATION BETWEEN WATER UTILITIES
 3. TRENCH WIDTH TO ACCOMMODATE ALL CONDUITS AND SERVICES. MINIMUM WIDTH 18"
 4. BACKFILL IN ACCORDANCE WITH UTILITY STANDARDS
 5. CONDUIT SHALL BE BEDDED W/SAND (3" BASE & 3" COVER MIN)



6 PIPE* TRENCH SECTION (TYP)
NOT TO SCALE

REV	DATE	DESCRIPTION
0	04/04/25	BID SET

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CIVIL & MECHANICAL ENGINEERING

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**STANDARD
DETAILS**

C3.0

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0 1"

WSDOT DETAILS

C4.0