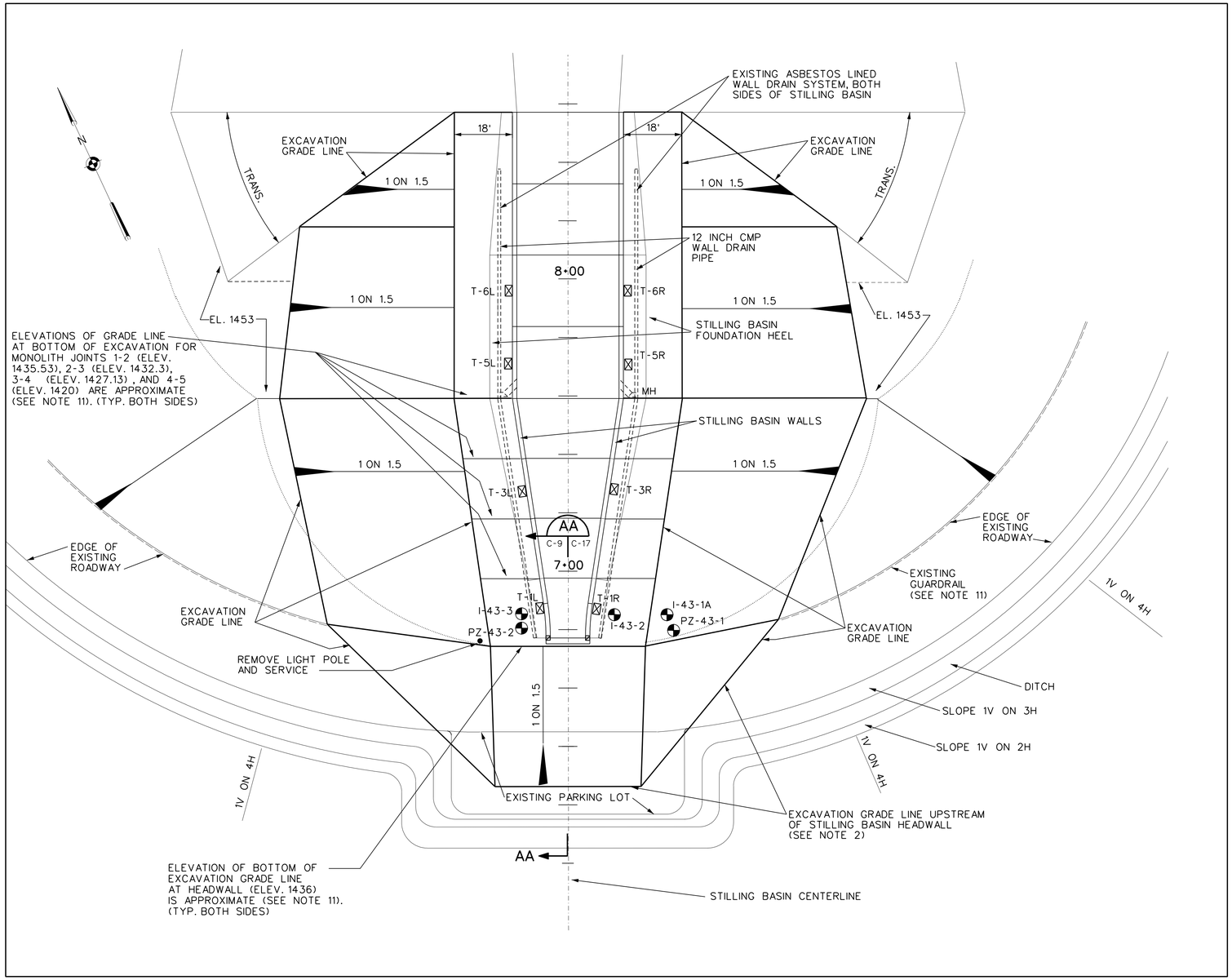

PLAN

20' 0 20' 40'

SCALE IN FEET

LEGEND

RANGE DESIGNATION (FROM CENTERLINE OF CREST)	7+00
INSTRUMENTATION TO BE REMOVED. SEE INSTRUMENTATION PLAN, SHEET C-8.	◐
TILTPLATE INSTRUMENTATION TO BE PROTECTED DURING CONSTRUCTION. SEE INSTRUMENTATION PLAN, SHEET C-8.	⊠

NOTES

1. EXISTING ASBESTOS LINED WALL DRAIN SYSTEM, BOTH SIDES OF STILLING BASIN TO BE INSPECTED BY THE GOVERNMENT. THE EXISTING SYSTEM SHALL BE REPLACED IF OPTIONS 1 OR 2 ARE EXERCISED. SEE SHEET NO'S. C-12, C-13, C-15, AND C-16 FOR DETAILS OF NEW INSTALLATION.
2. REMOVE PORTION OF EXISTING ACCESS ROAD AND SLOPE EXCAVATION MINIMUM 1 ON 1.5 UPSTREAM OF BASIN AND HEADWALL. BUILD TEMPORARY ACCESS ROAD AROUND EXCAVATION. TEMPORARY ROAD ALIGNMENT TO BE COORDINATED WITH GOVERNMENT. SEE EXCAVATION DETAIL, SHEET C-17.
3. RIPRAP AND PERVIOUS TO BE REMOVED, STORED SEPARATELY, AND REUSED AS PRACTICAL.
4. EXCAVATION FROM EACH SIDE OF THE STILLING BASIN SHALL BE CONDUCTED IN A BALANCED MANNER WITH RESPECT TO THE OPPOSITE SIDE OF THE STILLING BASIN. EXCAVATED ELEVATIONS ON ONE SIDE SHALL BE MAINTAINED WITHIN 4' OF THE ELEVATION OF THE OPPOSITE SIDE OF THE STILLING BASIN.
5. ADDITIONAL EXCAVATION IS REQUIRED FOR OPTIONS 1 AND 2. SEE SHEETS C-12 AND C-13.
6. THE EXISTING WALL DRAIN SYSTEM ON BOTH SIDES OF STILLING BASIN WILL BE INSPECTED FOR SERVICEABILITY BY THE GOVERNMENT.
7. THE WALL DRAIN CMP IS COATED WITH ASBESTOS FELT IMPREGNATED WITH BITUMEN, AND THE ROADWAY CMP CULVERTS ARE COATED WITH BITUMEN. THE BITUMEN ON THESE PIPES MAY BE CONTAMINATED WITH PCB'S. TAKE APPROPRIATE PRECAUTIONS IN WORKING NEAR, HANDLING AND DISPOSING OF THE BITUMEN COATED CMP (OPTIONS 1 AND 2). SEE SPECIFICATION SECTION 13280.
8. OPTIONS 1 AND 2: THE WALL DRAIN SYSTEM ON BOTH SIDES OF STILLING BASIN SHALL BE REPLACED. THE EXISTING WALL DRAIN SYSTEM SHALL BE REMOVED. NEW SLOTTED PVC DRAINPIPE SYSTEM AND NEW MANHOLES SHALL BE INSTALLED. DRILL A NEW ACCESS POINT THROUGH THE STILLING BASIN WALLS. SEE DETAILS, SHEET NO'S. C-10, C-12, C-13, C-14, C-15, AND C-16.
9. REMOVE EXISTING GUARDRAIL. REUSE GUARDRAIL AND REPLACE WOOD MOUNTING POSTS WITH STEEL "H" BEAM POSTS. SEE SHEET C-18 (FOR OPTIONS 1, 2 AND 3)
10. TUNNEL PORTAL LAGGING, BRACING AND ASSOCIATED FOUNDATION UPSTREAM OF THE STILLING BASIN HEADWALL MAY STILL EXIST OR IT MAY HAVE BEEN REMOVED DURING ORIGINAL CONSTRUCTION.
11. EXCAVATION GRADE LINE FOR MONOLITHS 1, 2, 3 AND 4 IS TO TOP OF EXISTING GRANULAR FILTER MATERIAL, APPROXIMATELY 2' ABOVE TOP OF FOUNDATION HEEL. INDICATED EXCAVATION ELEVATIONS AT MONOLITH JOINTS ARE APPROXIMATE.
12. REMOVE PARKING LOT PAVEMENT, BASE COURSE, SUBBASE. GRADE TO PROVIDE DRAINAGE. REMOVE TWO TREES ADJACENT TO PAVEMENT SURFACE.

US Army Corps of Engineers
Kansas City District

Symbol	Description	Date	Appr.

Designed by: H.T.Y.
Dwn by: H.T.Y.
Ckd by: R.S.K.
Reviewed by:
Submitted by: D.L.M.
Date: ~~JUNE 2010~~ 2010/03/03
Rev.
Design file no. E-1-1660
Drawing code:
File name: WWC009.DGN
Plot date:
Plot scale: 20:1

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
KANSAS CITY, MISSOURI

SALINE RIVER, KANSAS
WILSON LAKE
STILLING BASIN WALL REPAIR

EXCAVATION PLAN - BASE CONTRACT

Sheet reference number:
C-9