REVIEWED BY: Quern R. Ja Rochell ASSISTANT PUBLIC WORKS DIRECTOR, CITY OF BAKERSFIELD 3/1/16 DATE APPROVED BY: 3/6/96 DATE PUBLIC WORKS DIRECTOR, CITY OF BAKERSFIELD RAUL M. ROJAS R.C.E. 39880 (EXP. 12/31/05) SHEET No. INDEX 1 TITLE SHEET ② DETAILS-GENERAL NOTES CITY IN THE HILLS DRIVE

 $\langle \mathbf{3} \rangle$

TOSCANA DRIVE $\langle 4 \rangle$

CITRUS HILLS DRIVE (5)

SUMMIT PASS DRIVE 6

BARCELONA DRIVE $\langle \overline{2} \rangle$

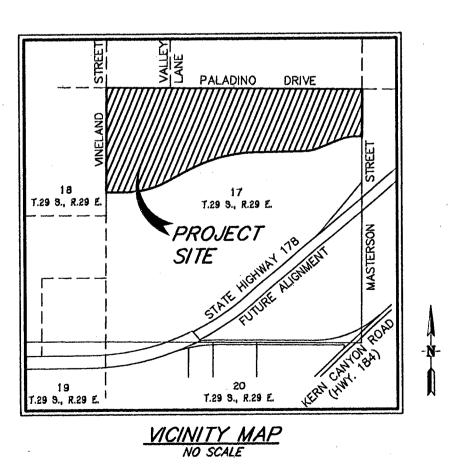
FALKIRK PLACE, COLCHESTER PLACE & PRAGUE PLACE $\langle 8 \rangle$ SAINT JOHN PLACE, PRIEST RIVER PLACE & CHARWOOD PLACE

(9)

PRETORIA PLACE & EVORA LANE

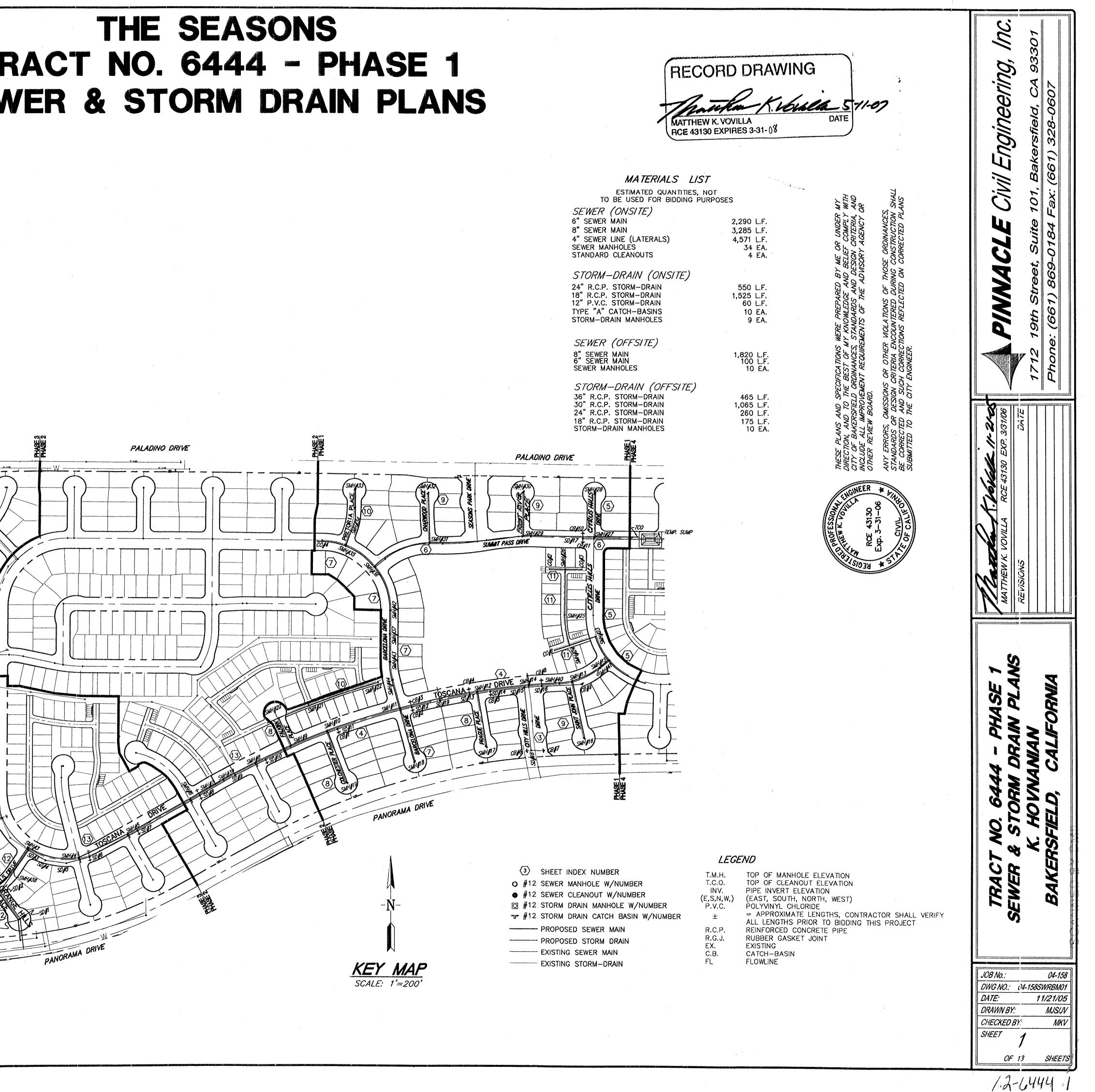
RED HILLS LANE, ROLLING HILLS LANE & SUNSET HILLS LANE $\langle 1 \rangle$ ORANGE HILLS PLACE & RICHLAND HILLS PLACE (12)

TOSCANA DRIVE (13)



BENCHMARK USED: U.S.G.S. Y-292, ELEVATION=782.57 B.C. IN 9" CONC. PAD 14.5' N.W. OF STREET SIGN AND 51.50' FROM CENTERLINE OF HIGHWAY 178 AND LENE PLACE.

THE SEASONS TRACT NO. 6444 - PHASE 1 SEWER & STORM DRAIN PLANS



CITY OF BAKERSFIELD SEWER SPECIFICATIONS SEWER NOTES

1. GENERAL CONTRACTOR WILL FURNISH ALL MATERIALS, TOOLS, LABOR, EQUIPMENT AND SUPERVISION NECESSARY TO COMPLETE INSTALLATION.

2. VCP INSTALLATION:

- A. MATERIALS: THE PIPE AND FITTINGS SHALL BE EXTRA STRENGTH VITRIFIED CLAY CONFORMING TO CURRENT ASTM DESIGNATION C-700, AND SHALL BE INSTALLED IN CONFORMANCE WITH THE PROVISIONS OF OF SECTIONS 71 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA. DEPARTMENT OF TRANSPORTATION. CURRENT EDITION AND THE CURRENT ASTM DESIGNATION C-12.
- B. JOINTS:
 - 1. THE PIPE AND FITTINGS SHALL HAVE A SOCKET END AND A SPIGOT END WITH COMPRESSION JOINTS CONFORMING WITH THE CURRENT ASTM DESIGNATION C-425.
 - 2. THE PIPE FITTINGS FOR 6", 8", 10", AND 12" SANITARY SEWER MAINS MAY BE PLAIN-END WITH COMPRESSION COUPLINGS CONFORMING WITH THE CURRENT ASTM DESIGNATION C-425. EXCEPTING THAT A STAINLESS STEEL SHEAR RING AS MANUFACTURED BY MISSION CLAY PRODUCTS CORPORATION FOR THEIR "MAINLINE" BAND-SEAL COMPRESSION COUPLING, OR APPROVED EQUAL. SHALL BE REQUIRED.
 - 3. THE PIPE AND FITTINGS FOR PRIVATE SANITARY SEWER HOUSE OR BUILDING LATERALS MAY BE PLAIN-END WITH COMPRESSION COUPLINGS CONFORMING WITH THE CURRENT ASTM DESIGNATION C-425. (STAINLESS STEEL SHEAR RINGS ARE NOT REQUIRED).
- 3. ABS PIPE INSTALLATION:
 - A. MATERIALS: PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATIONS D 2680 AND D 2751. PIPE AND FITTINGS SHALL BE HOMOGENEOUS THROUGHOUT AND FREE FROM CRACKS, HOLES, FOREIGN INCLUSIONS OR OTHER INJURIOUS DEFECTS. FITTINGS SHALL BE INJECTION MOLDED AND SHALL BE INSTALLED IN LINE ON NEW PIPELINES; CUT-IN FITTINGS ARE NOT PERMITTED.
 - B. JOINTS: USE ONLY SOLVENT WELDED JOINTS. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE ABS PIPE CONNECTS TO VCP, USE COUPLINGS APPROVED BY THE CITY OF BAKERSFIELD.
 - C. INSTALLATION: PIPE AND FITTINGS SHOULD BE INSTALLED IN ACCORDANCE WITH ASTM D 2321. ONLY CLASS 1, II OR III EMBEDMENT MATERIALS WILL BE CONSIDERED SUITABLE.
- 4. PVC PIPE INSTALLATION:
 - A. MATERIALS: PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF ASTM SPECIFICATIONS D 3034 AND SDR 35. PIPE AND FITTINGS SHALL BE HOMOGENEOUS THROUGHOUT AND FREE FROM CRACKS, HOLES, FOREIGN INCLUSIONS OR OTHER INJURIOUS DEFECTS. FITTINGS SHALL BE INJECTION MOLDED AND SHALL BE INSTALLED IN LINE ON NEW PIPELINES; CUT-IN FITTINGS ARE NOT PERMITTED.
 - B. JOINTS: USE ONLY ELASTOMERIC GASKET JOINTS. THE ASSEMBLY OF JOINTS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE PVC PIPE CONNECTS TO VCP, USE COUPLINGS APPROVED BY THE CITY OF BAKERSFIELD.
 - C. INSTALLATION: PIPE AND FITTINGS SHOULD BE INSTALLED IN ACCORDANCE WITH ASTM D 2321. ONLY CLASS I OR II EMBEDMENT MATERIALS WILL BE CONSIDERED SUITABLE.
- 5. SYSTEM TESTING:

INSTALLED PIPE SHALL BE TESTED IN ACCORDANCE WITH CHAPTER 1.3 OF THE SUBDIVISION DESIGN MANUAL AND WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND ACCEPTABLE TO THE CITY OF BAKERSFIELD. 24 HOURS NOTICE WILL BE REQUIRED FOR TEST AND INSPECTION.

- 6. WYE-FITTINGS SHALL BE INJECTION MOLDED IN-LINE AND SHALL BE USED FOR ALL LATERAL CONNECTIONS AND SHALL BE ROTATED A MINIMUM OF 23' AND A MAXIMUM OF 45" ABOVE THE HORIZONTAL PLANE RUNNING THROUGH THE CENTERLINE OF THE MAIN. WYE FITTINGS ONLY SHALL BE USED FOR VCP. ALL SEWER STUBS SHALL BE CLOSED WITH A STANDARD PLASTIC PLUG (SOLVENT WELDED).
- 7. THE MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF BAKERSFIELD DRAWING S-7 AND S-8 AND SECTION 70-1.02H AND 71-1.07 OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, LATEST EDITION. THE CLEANOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF BAKERSFIELD STANDARD DRAWINGS S-20.
- 8. ALL SEWER LATERALS TO BE 4" IN DIAMETER EXCEPT AS NOTED ON PLANS AND EXTEND 4 FEET BEYOND PROPERTY LINE.
- 9. SURFACE MARKERS FOR SEWER LATERALS SHALL BE INSTALLED PER CITY OF BAKERSFIELD DRAWING SW-1.
- 10. 24 HOUR NOTICE IS REQUIRED FOR TESTING AND INSPECTION.
- 11. FOR CURVED PIPE: IDENTIFICATION TAPE DESIGNED FOR USE ON SEWERS SHALL BE PLACED ON TOP OF SEWER MAIN ALONG ITS ENTIRE LENGTH. IDENTIFICATION TAPE SHALL ALSO BE PLACED ON SEWER LATERALS EXTENDING 1 FOOT ABOVE SEWER MAIN TO RIGHT-OF-WAY LINE.

NOTE TO CONTRACTOR ALL MANHOLES AND CLEANOUTS WITHIN TRACT, INCLUDING EXISTING MANHOLES, SHALL BE ADJUSTED TO FINISH GRADE IN ACCORDANCE WITH CITY STANDARDS. EXISTING MANHOLES MAY REQUIRE REMOVAL OF EXISTING CONE. AND REMOVAL OR "CHANGE OUT" OF BARREL RINGS.

- GENERAL NOTES:
- COMPACTED PER CITY STANDARD DETAIL ST-22.
- THE CITY ENGINEER.
- FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- TO ANY FURTHER WORK.
- SPECIFICATIONS, LATEST ADDITION.
- 8. ALL EXISTING IMPROVEMENTS (CURB, GUTTER, SIDEWALK, CROSS-GUTTER, FENCING, AS DIRECTED BY THE CITY ENGINEER.
- 1-800-227-2600 TWO WORKING DAYS PRIOR TO ANY CONSTRUCTION OR EXCAVATION.

- TO THE CONTRACTOR.
- APPROVED IN WRITING BY PINNACLE ENGINEERING.
- PART OF THIS PROJECT

- PLANS.
- ALL RESTAKING WILL BE BACKCHARGED TO THE CONTRACTOR.
- PLANS.
- BECOME THE PROPERTY OF THE CITY.
- THE PIPE ZONE.

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1. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE START OF CONSTRUCTION. A PERMIT SHALL BE OBTAINED FROM CITY PUBLIC WORKS DEPARTMENT FOR WORK TO BE DONE IN THE CITY STREET RIGHT-OF-WAY

2. ANY TRENCHING TO BE CONDUCTED WITHIN THIS PROJECT SHALL BE BACKFILLED AND

3. THE CONTRACTOR SHALL REMOVE OR RELOCATE ALL OBSTRUCTIONS AS DIRECTED BY

4. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS: THAT THE CONTRACTOR SHALL DEFEND. INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING

5. IF A PROBLEM SHOULD ARISE DURING THE COURSE OF CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER IMMEDIATELY PRIOR

6. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF BAKERSFIELD STANDARDS AND STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD

7. PRIOR TO THE START OF ANY PHASE OF CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION DEPARTMENT SHALL BE GIVEN 24 HOURS NOTICE (661) 326-3049.

ETC.) THAT ARE REMOVED. DAMAGED. OR UNDERCUT SHALL BE REPAIRED OR REPLACED

9. THE LOCATIONS OF EXISTING UTILITIES AND UNDERGROUND PIPELINES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE, PRESERVE AND PROTECT ANY AND ALL UNDERGROUND UTILITIES AND PIPELINES. THE CONTRACTOR SHALL CALL U.S.A. (UNDERGROUND SERVICE ALERT)

10. IF THE CONTRACTOR IS IN DOUBT AS TO THE MEANING OF ANY PART OF THE PLAN

AND SPECIFICATIONS OR FINDS DISCREPANCIES IN OR OMISSIONS FROM THE DRAWINGS. HE SHALL SUBMIT A WRITTEN REQUEST FOR AN INTERPRETATION OR A CORRECTION THEREOF. PRIOR TO FILING HIS BID PRICE FOR THE PROJECT.

11. IN THE EVENT CONSTRUCTION STAKING BASED ON CONSULTANT'S PLANS, DRAWINGS OR OTHER DOCUMENTS IS ACCOMPLISHED BY OTHER THAN THE CONSULTANT, CLIENT AGREES TO HOLD CONSULTANT HARMLESS AND RELEASE CONSULTANT FROM ALL LIABILITY ARISING FROM THE USE OF SAID PLANS, DRAWINGS OR OTHER DOCUMENTS.

12. ALL EXISTING PAVING AND SURFACING REMOVED, DAMAGED OR UNDERCUT SHALL BE REPLACED IN ACCORDANCE WITH CITY OF BAKERSFIELD DRAWING S-6.

13. COMPACTION TESTS SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. THE NUMBER AND LOCATION OF REQUIRED TESTS SHALL BE DETERMINED BY THE CITY ENGINEER. THE COST OF RETESTING DUE TO FAILED COMPACTION TESTS WILL BE BACKCHARGED

14. PINNICALE ENGINEERING SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USES OF. THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE

15. SEE WATER AND STREET IMPROVEMENT PLANS FOR OTHER IMPROVEMENTS THAT ARE

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING ALL TRENCHES. IF TRENCHES OR PIPING BECOME DAMAGED DUE TO WATER INFILTRATION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR THE TRENCH AND PIPING TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTORS EXPENSE.

17. FLOODING OR WATERJETTING SHALL NOT BE USED FOR BACKFILL COMPACTION.

18. DRAWINGS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY. CONTRACTOR SHALL OBTAIN A COPY OF "CITY OF BAKERSFIELD SUBDIVISION STANDARDS" AND DRAWINGS FOR HIS USE. THESE STANDARD DRAWINGS SHALL BE CONSIDERED A PART OF THESE

19. NORMAL CONSTRUCTION STAKING WILL BE SUPPLIED ONE TIME BE THE DEVELOPER.

20. CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SEWER LINES THAT THE NEW SYSTEM TIES INTO. ANY DISCREPANCIES SHALL BE REPORTED TO THE FNGINFER SO THAT ANY NECESSARY ADJUSTMENTS CAN BE MADE TO THE

21. PRIOR TO FINAL ACCEPTANCE, ALL SEWER LINES SHALL BE INSPECTED WITH VIDEO EQUIPMENT DESIGNED FOR THIS PURPOSE. THE TELEVISION CAMERA SHALL HAVE THE CAPABILITY OF ROTATING 360', IN ORDER TO VIEW AND RECORD THE TOP AND SIDES OF THE PIPE, AS REQUIRED. THE VIDEO INSPECTION SHALL BE WITNESSED BY THE CITY'S CONSTRUCTION INSPECTOR, WHO WILL ALSO INITIAL AND DATE THE "CHAIN OF CUSTODY" FORM. THE SUBDIVIDER SHALL IMMEDIATELY NOTIFY CITY OF ANY PIPE LOCATIONS REVEALED TO BE NOT IN COMPLIANCE WITH THE SPECIFICATIONS. A RECORDED VIDEO CASSETTE, THE COMPLETED "CHAIN OF CUSTODY" FORM AND A WRITTEN LOG (WHICH INCLUDES THE STATIONING, BASED ON THE STATIONING OF THE APPROVED PLANS, OF ALL CONNECTED LATERALS) OF THE INSPECTION SHALL BE PROVIDED FOR VIEWING, AND SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO ACCEPTANCE. AFTER ACCEPTANCE, THE VIDEO CASSETTE SHALL

22. AN OPEN STREET PERMIT SHALL BE OBTAINED FROM THE CITY OF BAKERSFIELD PUBLIC WORKS DEPARTMENT FOR ANY WORK PERFORMED WITHIN EXISTING ACCEPTED STREET RIGHT-OF-WAY. UNLESS SECURED BY A SUBDIVISION AGREEMENT, SECURITY BASED ON AN APPROVED ENGINEER'S ESTIMATE FOR THE WORK PERFORMED WITHIN THE RIGHT-OF-WAY AND INSURANCE AS REQUIRED SHALL BE PROVIDED PRIOR TO ISSUANCE OF A BUILDING PERMIT.

23. CLASS I BEDDING AND EMBANKMENT IS REQUIRED FOR ALL PLASTIC SEWER PIPE WITHIN

24. CONTRACTOR TO VERIFY POSITIVE SLOPE FROM MANHOLE PRIOR TO CONNECTING TO EXISTING STUB. IF THE POSITIVE SLOPE DOES NOT EXIST, REPLACE STUB TO MANHOLE.

CITY OF BAKERSFIELD STORM DRAIN NOTES

STORM DRAIN PIPE:

UNLESS OTHERWISE SPECIFIED ON THESE PLANS, THE STORM DRAIN PIPE SHALL BE THE FOLLOWING:

REINFORCED CONCRETE PIPE (R.C.P): REINFORCED CONCRETE PIPE SHALL BE CLASS III (ASTM C76) AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 65 OF THE STANDARD SPECIFICATIONS.

JOINTS SHALL BE RUBBER GASKETED IN CONFORMANCE WITH THE PROVISIONS OF SECTION 651.06 OF THE STANDARD SPECIFICATIONS. CEMENT MORTAR JOINTS SHALL ONLY BE USED WHEN THE PIPE INVERT ELEVATION IS

HIGHER THAN ONE HALF THE DRAINAGE SUMP DESIGN WATER SURFACE DEPTH ELEVATION. CONCRETE PIPE SHALL BE LAID IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 65 OF THE STANDARD SPECIFICATIONS.

IN ADDITION TO THE ABOVE REQUIREMENTS, ALL RUBBER GASKETED JOINT RINGS SHALL BE CHECKED WITH A GAUGE ALL THE WAY AROUND THE PIPE AFTER THE JOINT HAS BEEN ASSEMBLED TO DETERMINE THAT THE RING HAS BEEN PROPERLY LOCATED AND SEATED. IMPROPERLY MADE JOINTS SHALL BE PULLED APART AND SATISFACTORILY REMADE.

difference of Bockfill compacted to 95% relative compaction in roodway areas from 3.0' (0.9m) beyond back of curb, excluding all but the outer 1.0' (0.3m) of the median areas, and in alleys, within . the existing, accepted roadway improvements Bockfill compocted to 90% relative compaction in all other areas.

Pavement

Backfill in pipe zone compacted to 90% relative compaction. Backfill material within the pipe zone to conform to notes 1,

** For public utilities , construction requirements as par the Public Utilities Commission General Orders

NOTES:

1. Backfill for Rigid Pipe. Backfill material within the pipe zone shall be free of deleterious material and shall have a Sand Equivalent of not less than 20 and shall conform to the following groding: Sieve Size Parcantage passing 3/4" (19mm) 100

Na.4 35-100 Na 30 20-100

This backfill material shall be placed in not to exceed one foot (1.0' loose)(0.3m) layers, simultaneously on each side of the pipe in such a manner as not to damage or disturb the pipe on its alignment and grade. Each layer shall be thoroughly compocted by mechanical tamping. Backfill material shall be properly compacted to springline prior to proceeding.

Pipe and fittings shall be installed in accordance with the current ASTM specification D-2321. Only Class I and I embedment materials within the pipe zone will be considered suitable. Within the pipe zone, water flooding and jetting shall not be used for backfill compoction for lexible pipe. The

2. Back/III for flexible pipe.

bedding and hounching shall be hand placed to the Spring line of the pipe and property compacted. For sever mains, Class / bedding is required for bedding and hounching. Care shall be taken not to dislocate the pipe. The remaining backfill in the to 2.0' (0.5m) up to 2.0' (0.6m) pipe zoned shall be hand placed and composited in lifts not to exceed 0.5' (0.15m) thickness. Backfill material shall be properly compacted to springline prior to proceeding.

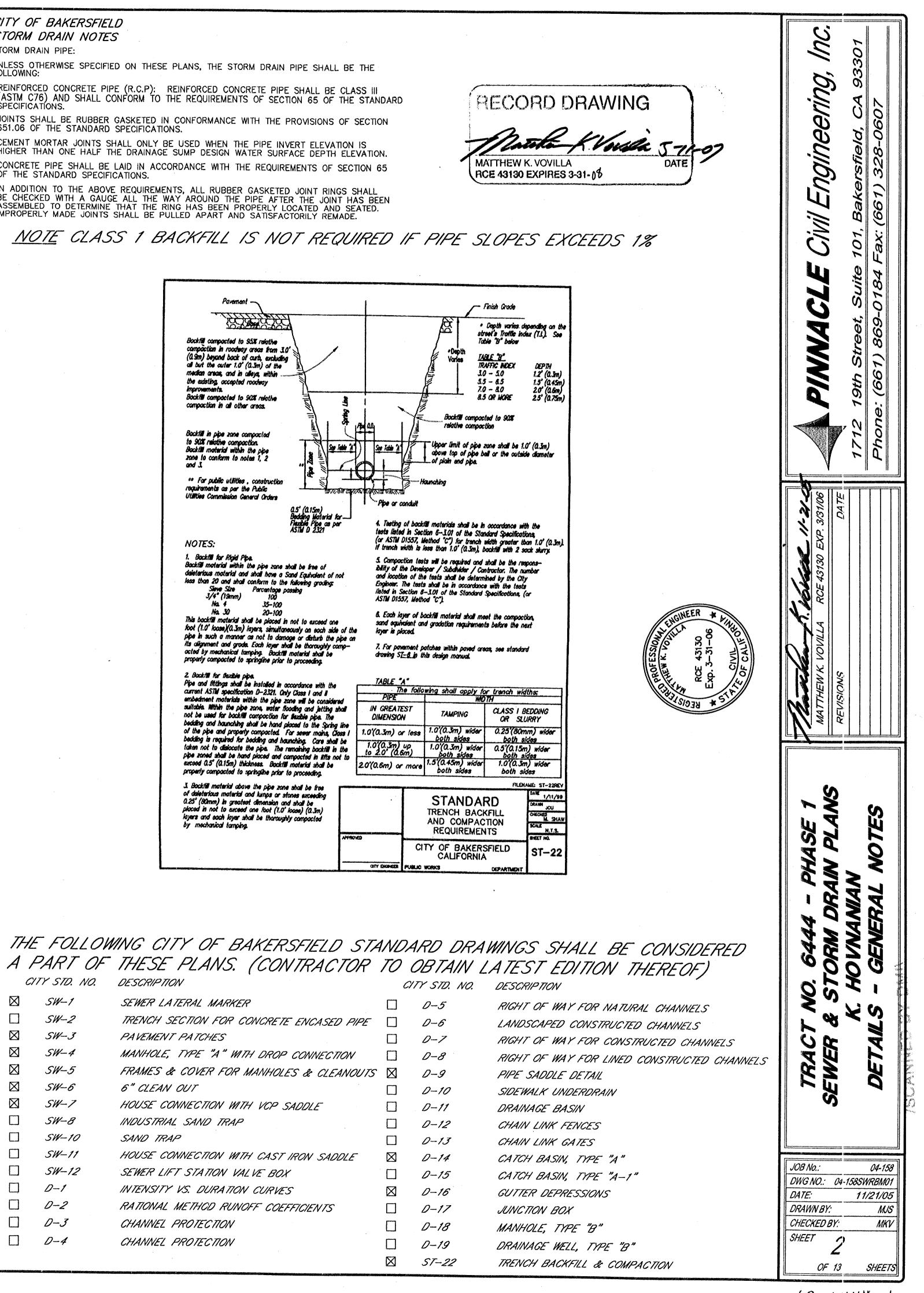
3. Bockfill material above the pipe zone shall be free of deleterious material and lumps or stones exceeding 0.25' (80mm) in greatest dimension and shall be placed in not to exceed one foot (1.0' loose) (0.3m) loyers and each loyer shall be tharoughly compacted by mechanical tamping.

CITY STD. NO. DESCRIPTION \boxtimes SW--1 SEWER LATERAL MARKER SW-2 TRENCH SECTION FOR CONCRETE ENCASED PIPE \boxtimes SW--3 PAVEMENT PATCHES \boxtimes SW-4MANHOLE, TYPE "A" WITH DROP CONNECTION

FRAMES & COVER FOR MANHOLES & CLEANOUTS 🛛 SW--5 SW-6 6" CLEAN OUT \boxtimes SW--7 HOUSE CONNECTION WITH VCP SADDLE \square SW--8 INDUSTRIAL SAND TRAP Π SW--10 SAND TRAP SW-11 HOUSE CONNECTION WITH CAST IRON SADDLE \square SW-12 SEWER LIFT STATION VALVE BOX D-1 INTENSITY VS. DURATION CURVES D-2 RATIONAL METHOD RUNOFF COEFFICIENTS \square D-3 CHANNEL PROTECTION

CHANNEL PROTECTION

D-4



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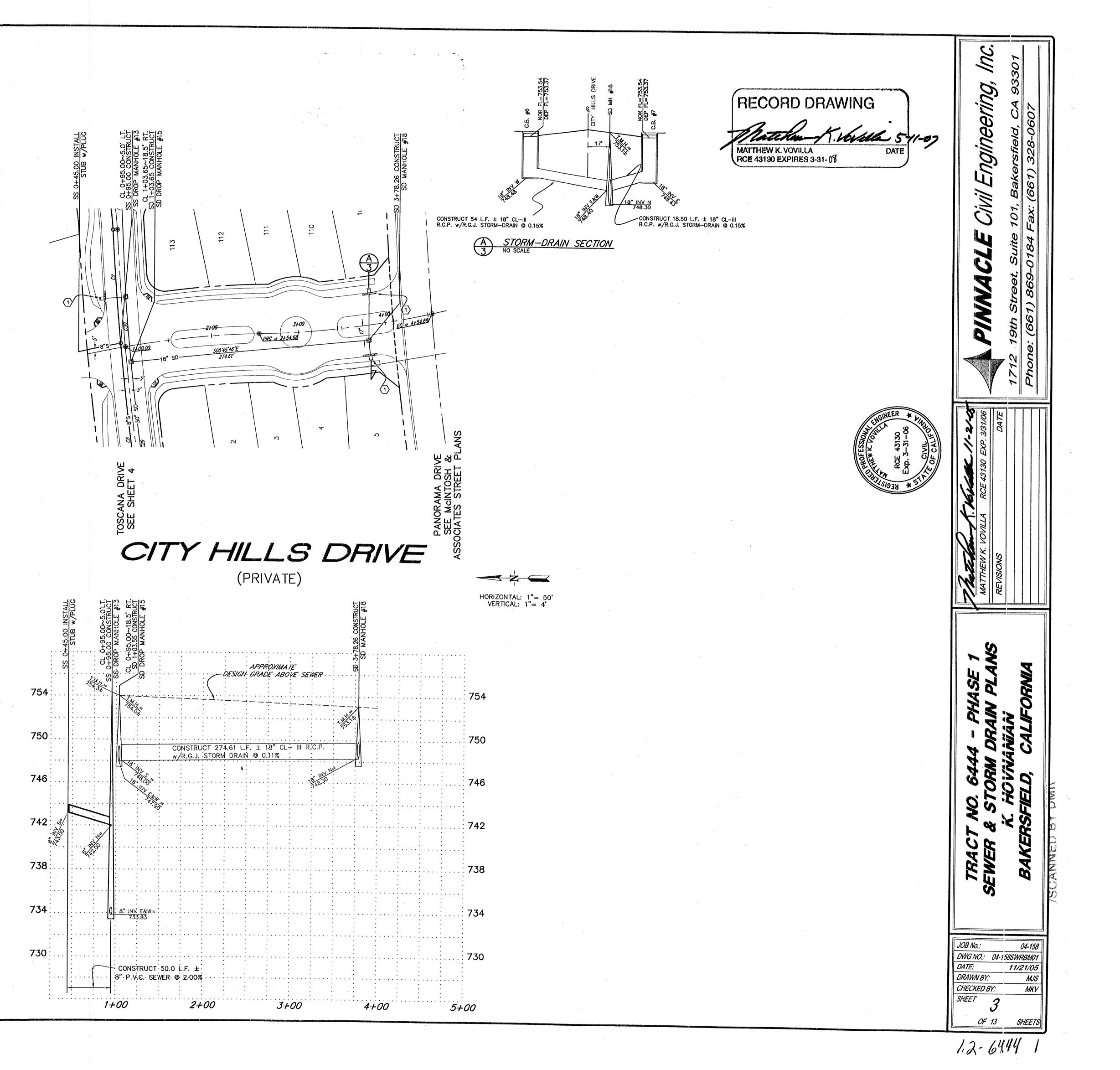
<u>LEGEND</u>

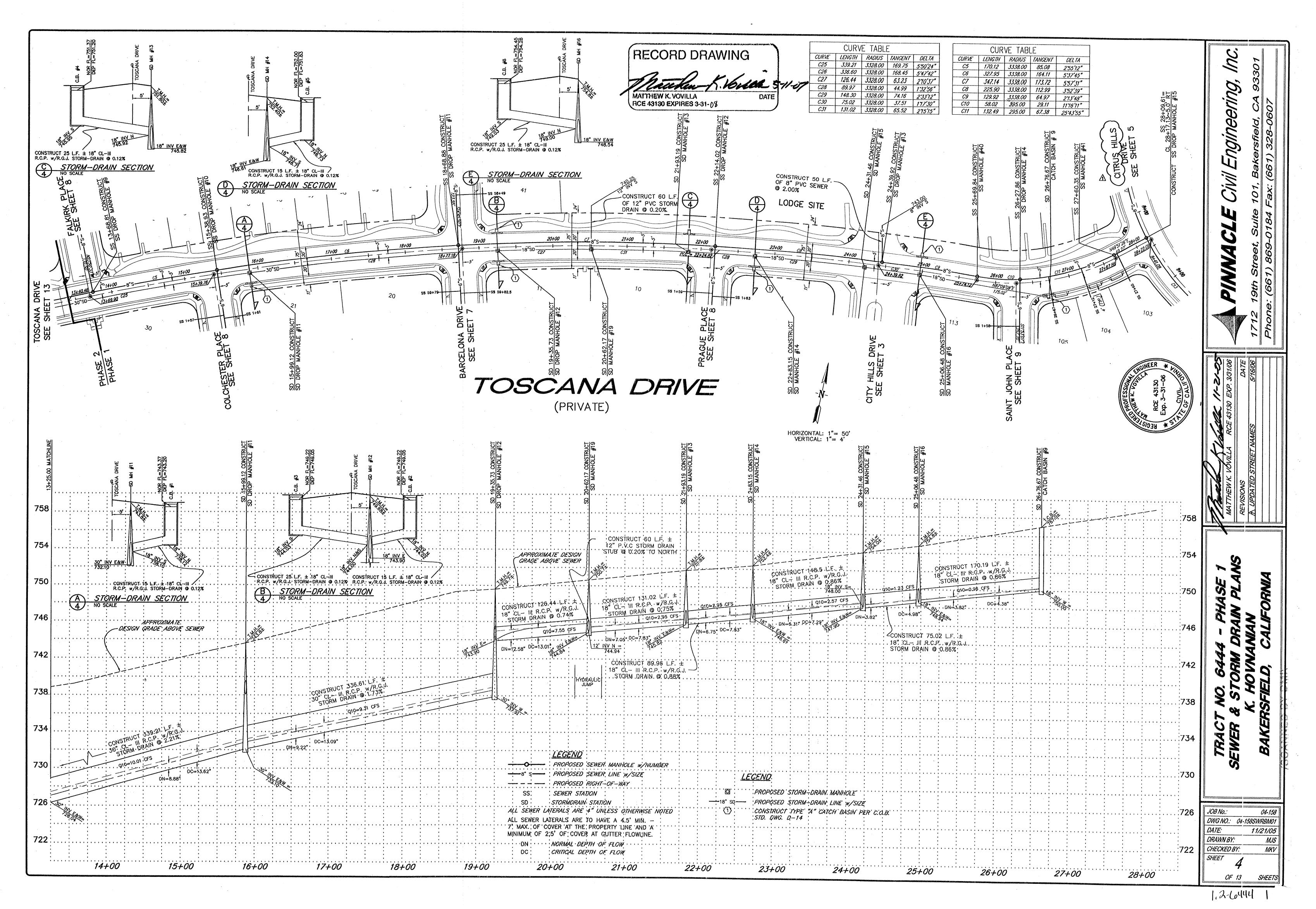
PROPOSED RIGHT-OF-WAY ويسينينه البيه فيبد وشوواحه SS SEWER STATION SD STORMDRAIN STATION

ALL SEWER LATERALS ARE 4" UNLESS OTHERWISE NOTED ALL SEWER LATERALS ARE TO HAVE A 4.5' MIN. - 7' MAX. OF COVER AT THE PROPERTY LINE AND A MINIMUM OF 2.5' OF COVER AT GUTTER FLOWLINE.

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PROPOSED STORM-DRAIN MANHOLE CONSTRUCT TYPE "A" CATCH BASIN PER C.O.B. STD. DWG. D-14



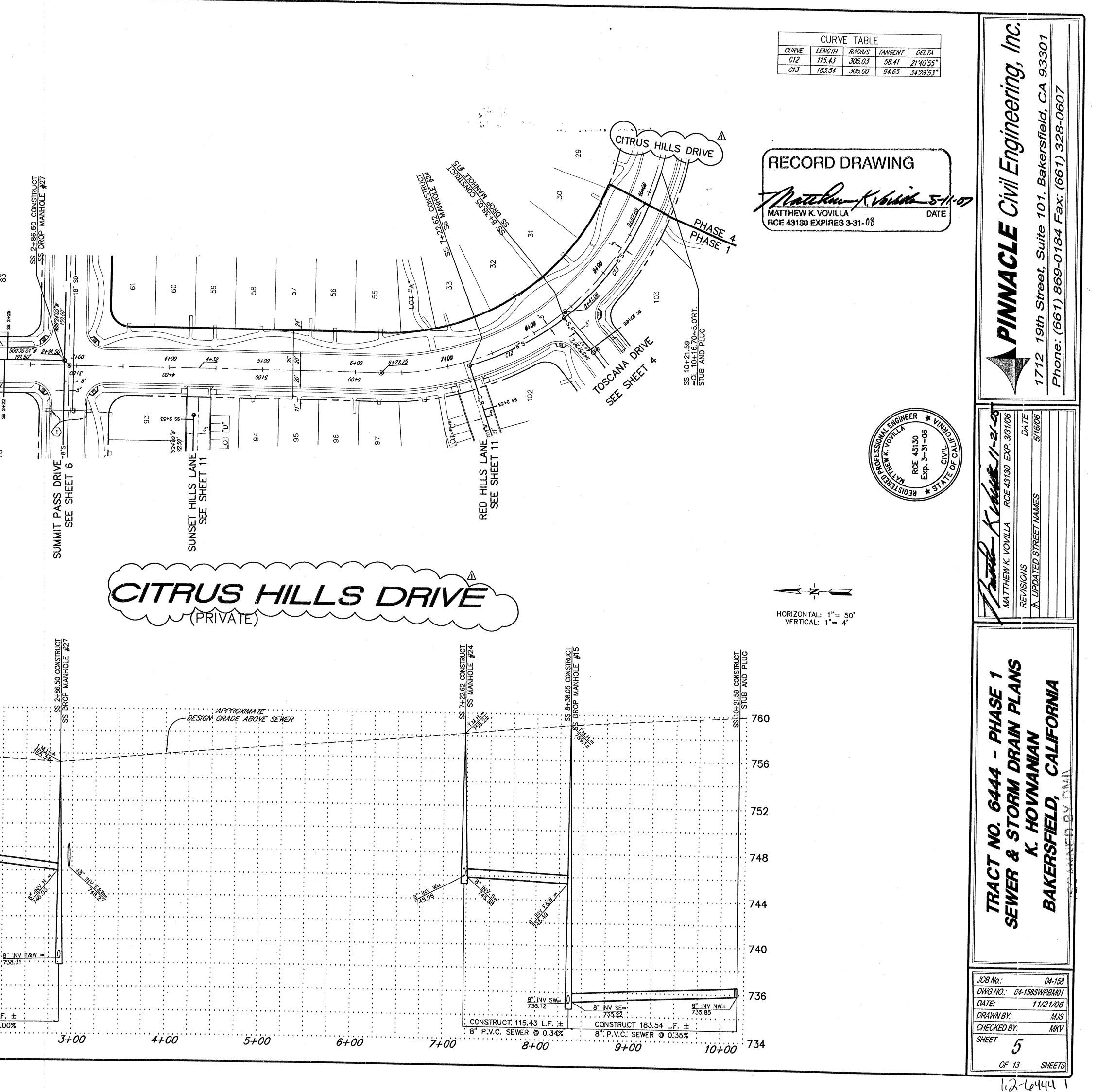


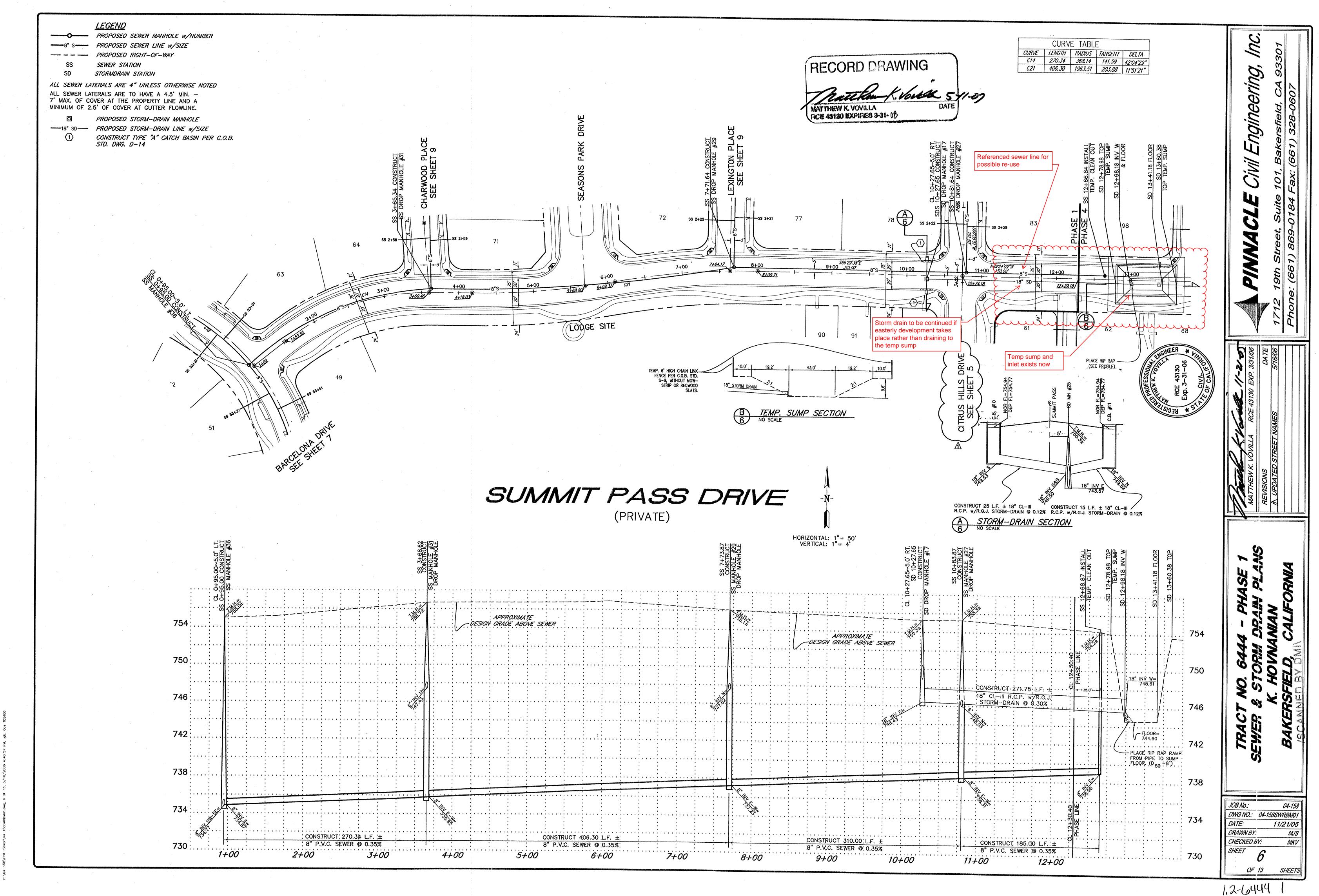
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ALL SEWER L 7' MAX. OF (MINIMUM OF)	LEGEND PROPOSED SEWER MANHOLE w/NUMBER PROPOSED SEWER LINE w/SIZE PROPOSED RIGHT-OF-WAY SEWER STATION STORMDRAIN STATION ATERALS ARE 4" UNLESS OTHERWISE NOTED ATERALS ARE TO HAVE A 4.5' MIN COVER AT THE PROPERTY LINE AND A 2.5' OF COVER AT GUTTER FLOWLINE. PROPOSED STORM-DRAIN MANHOLE PROPOSED STORM-DRAIN LINE w/SIZE CONSTRUCT TYPE "A" CATCH BASIN PER C.O.B. STD. DWG. D-14		
			+95.00~5.0' LT.= 5.00 CONSTRUC 55 MANHOLE #2
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			CL 0+95.00~5.0' L1 0+95.00 CONSTRUC SS MANHOLE #21
			756
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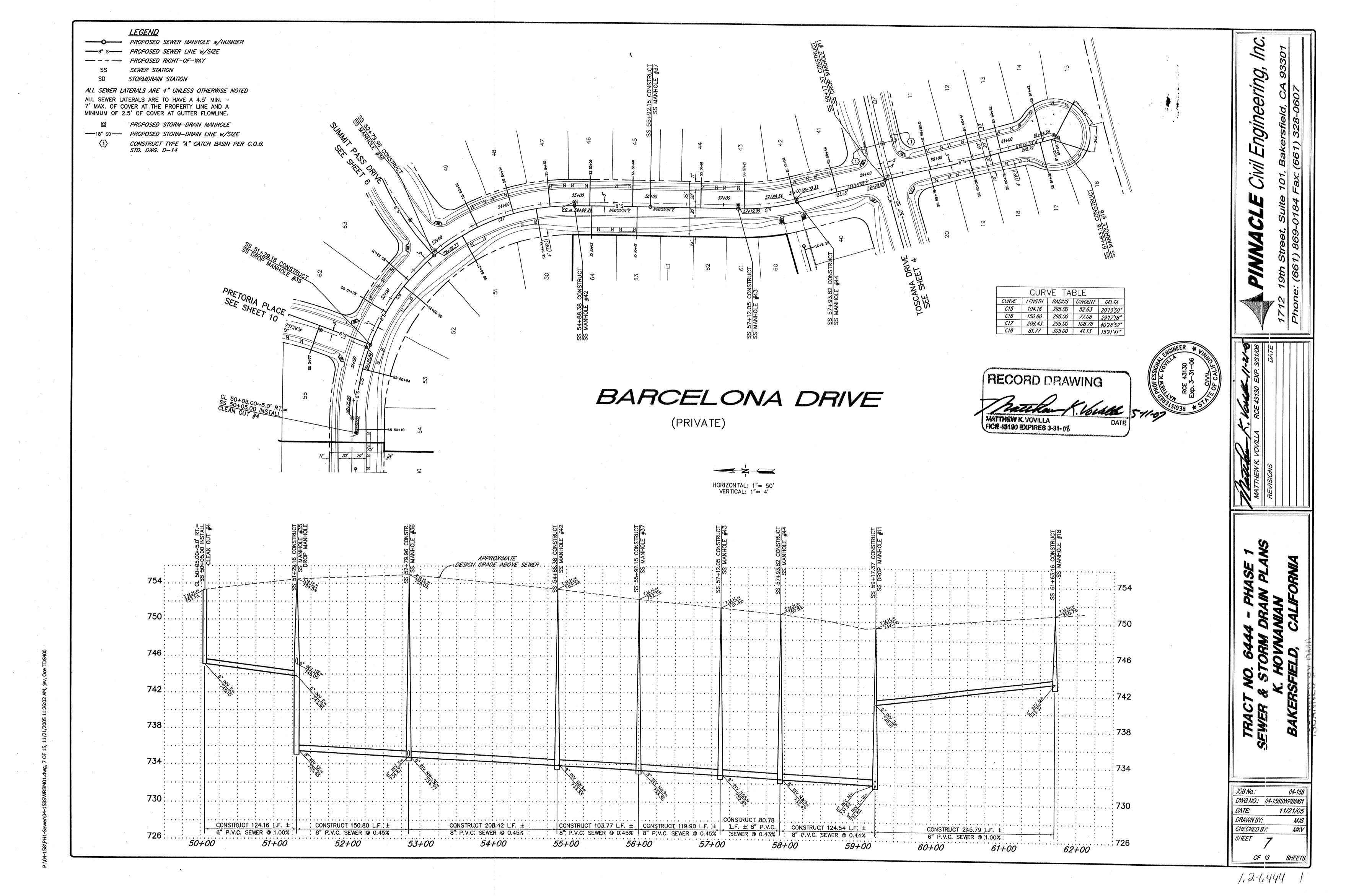
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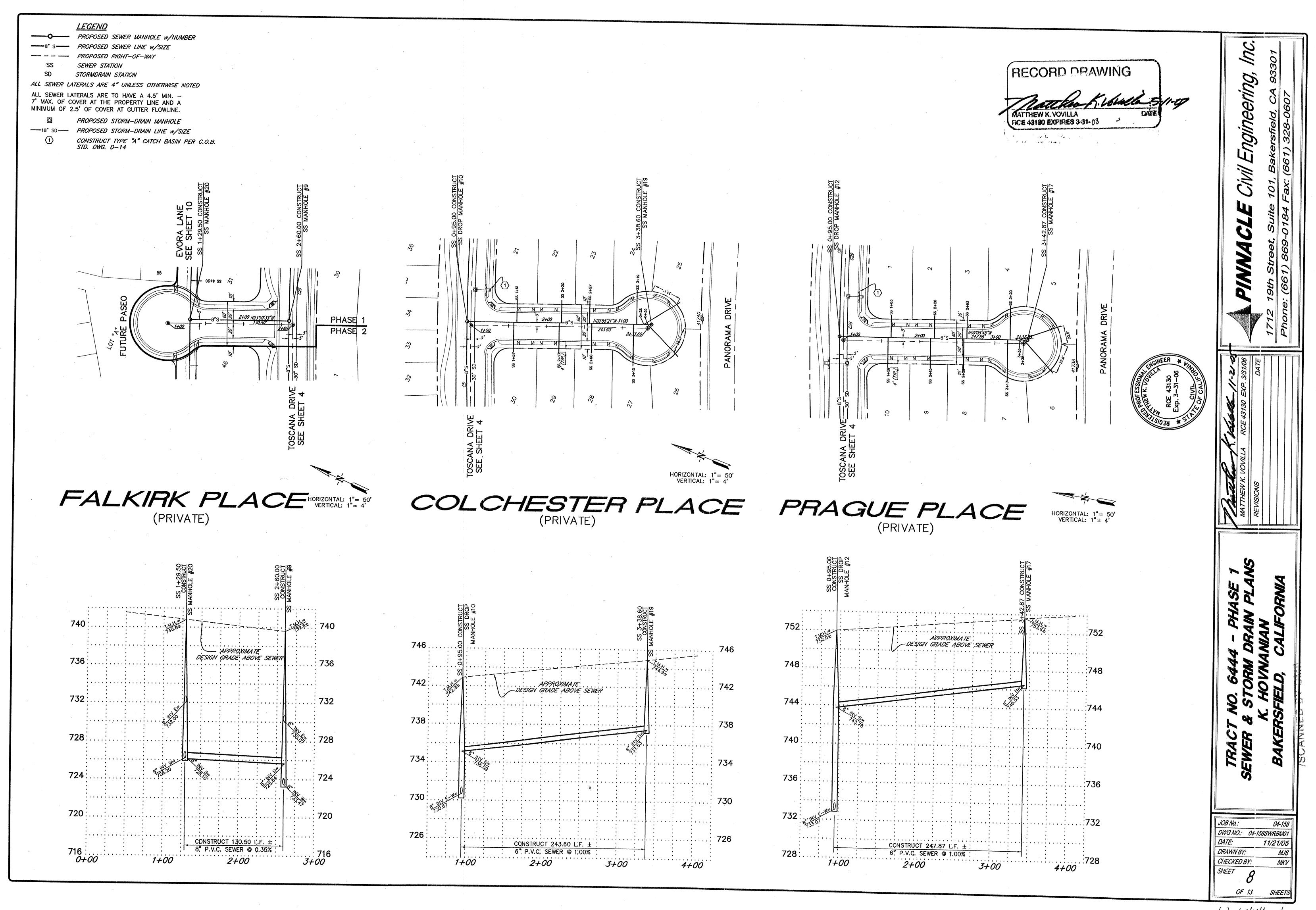
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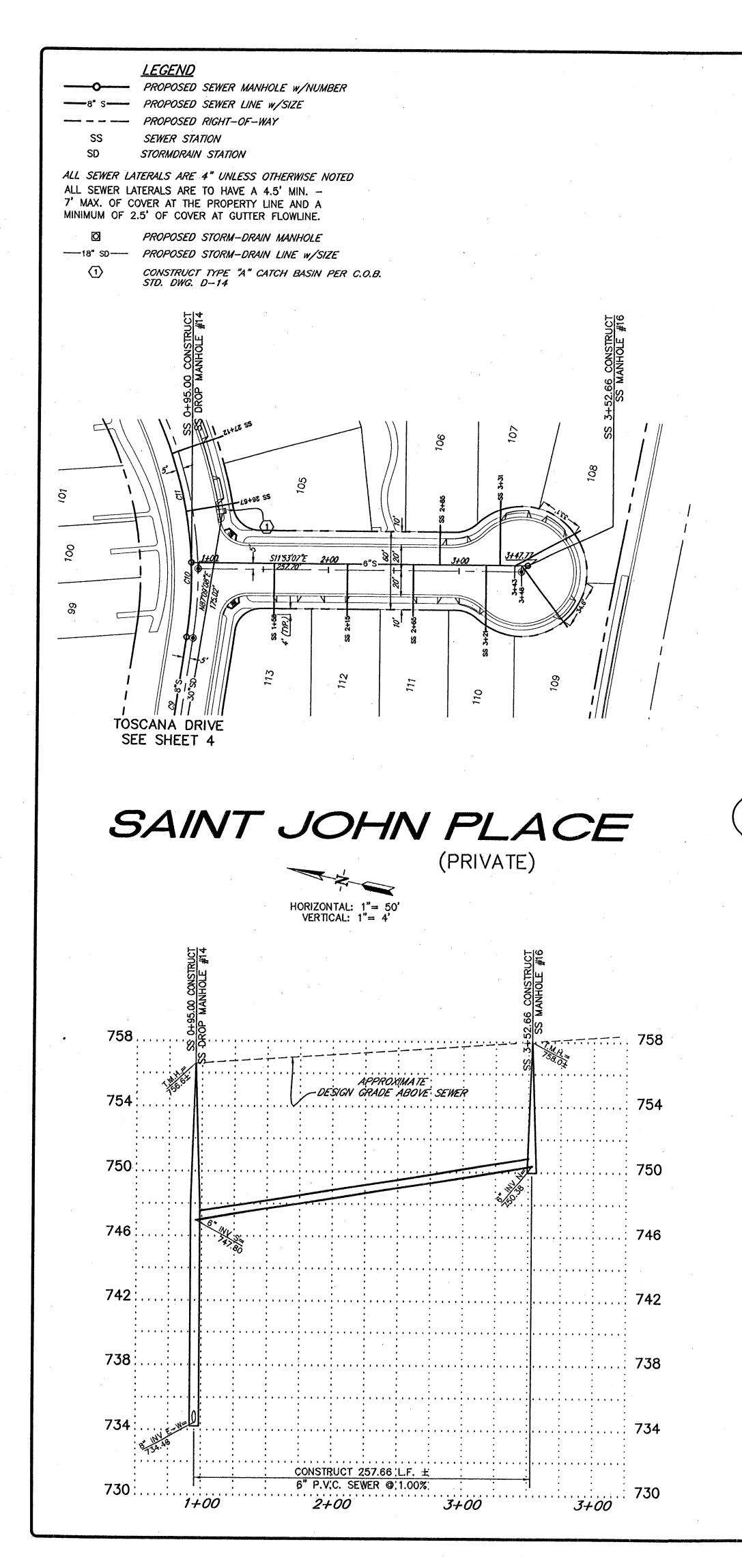


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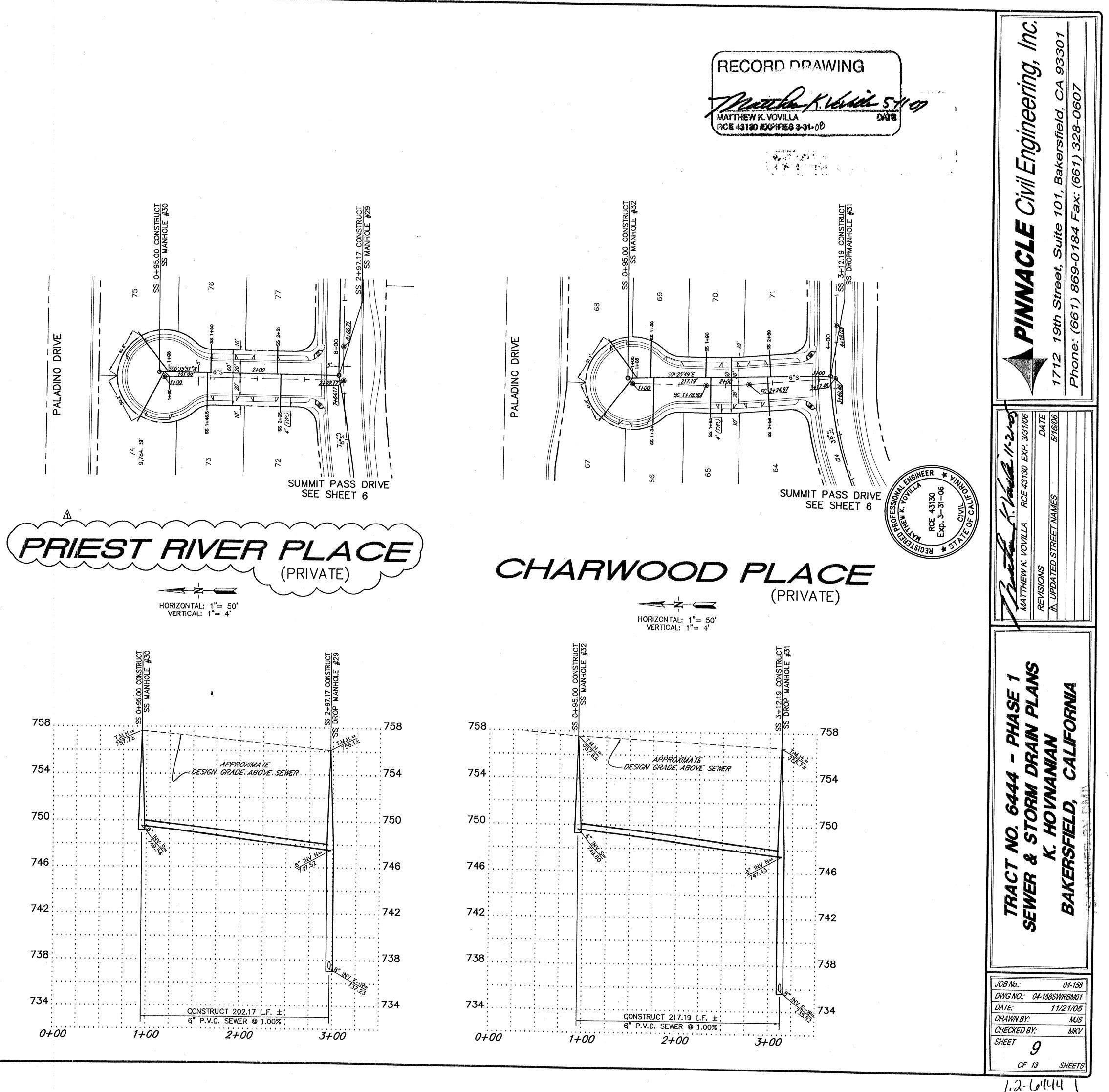


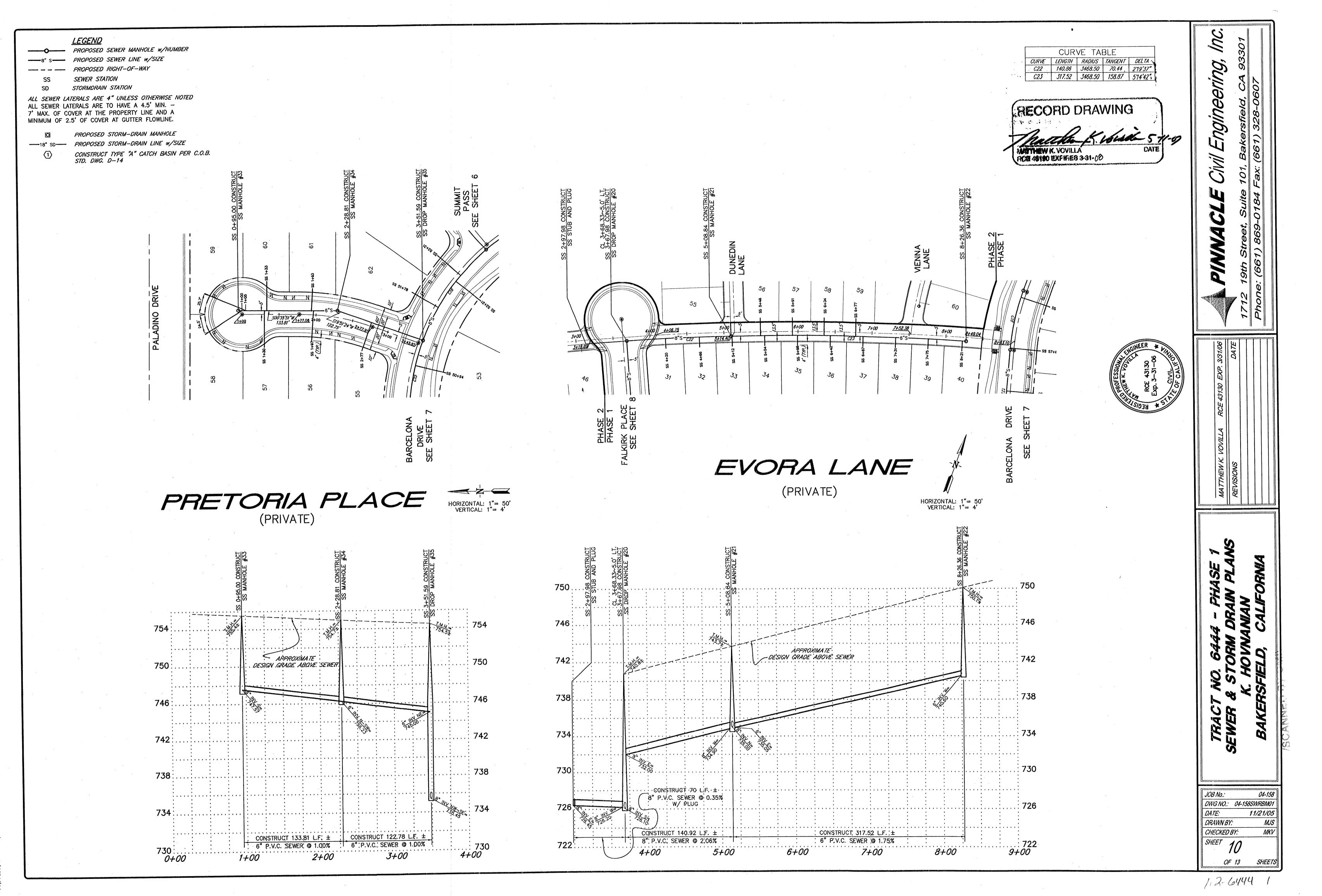
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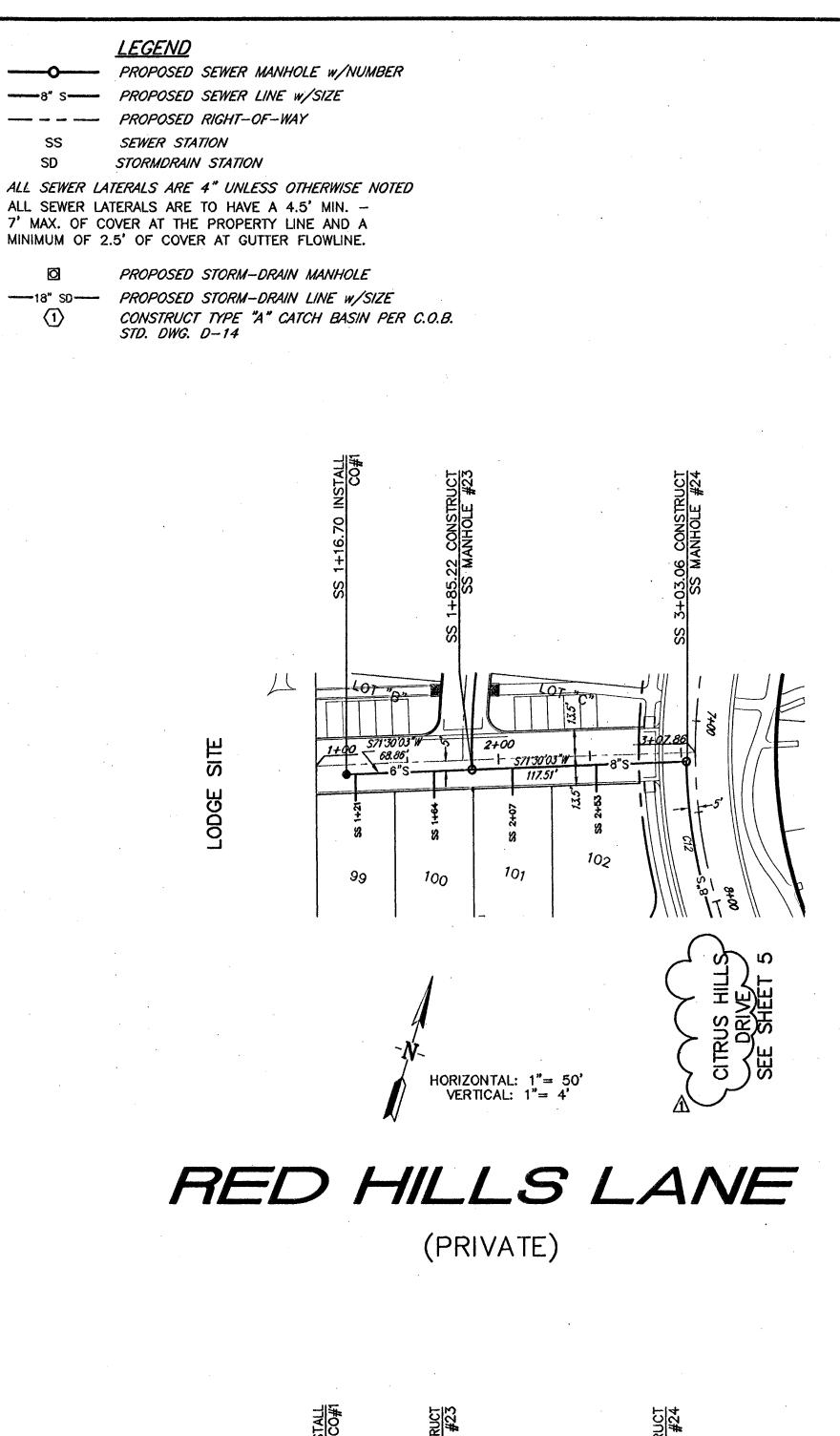
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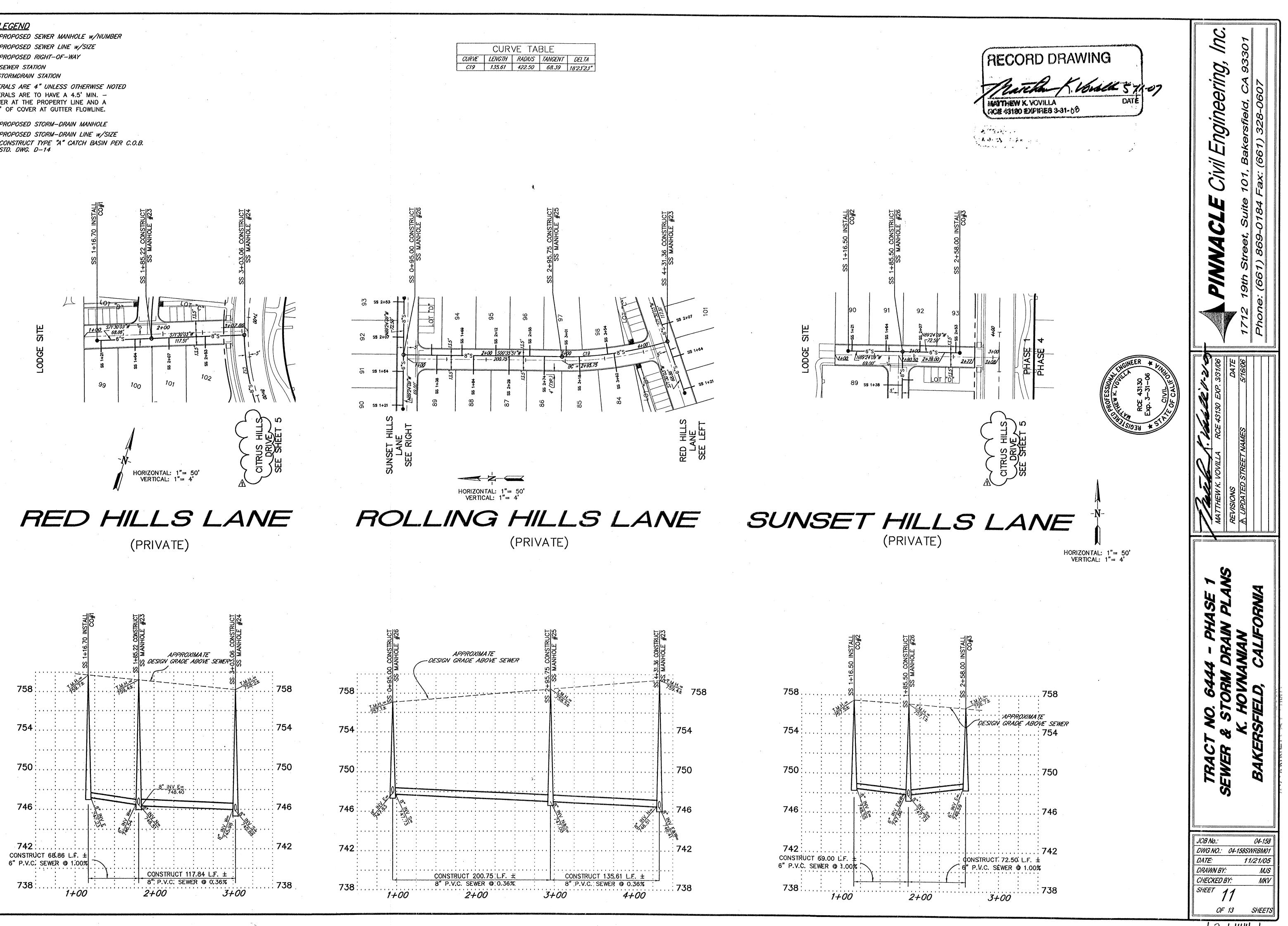
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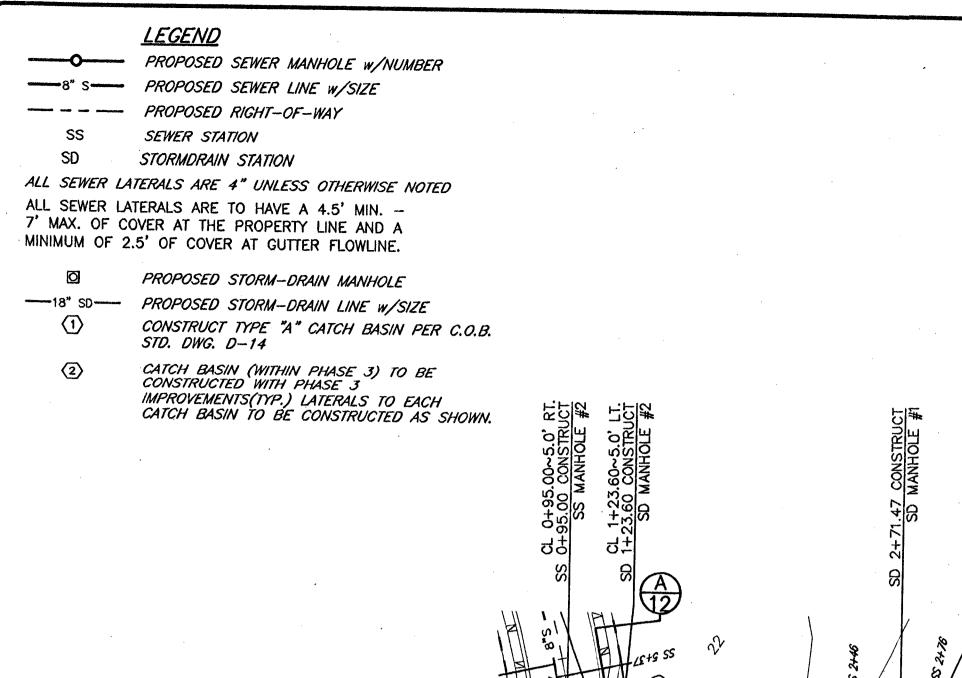




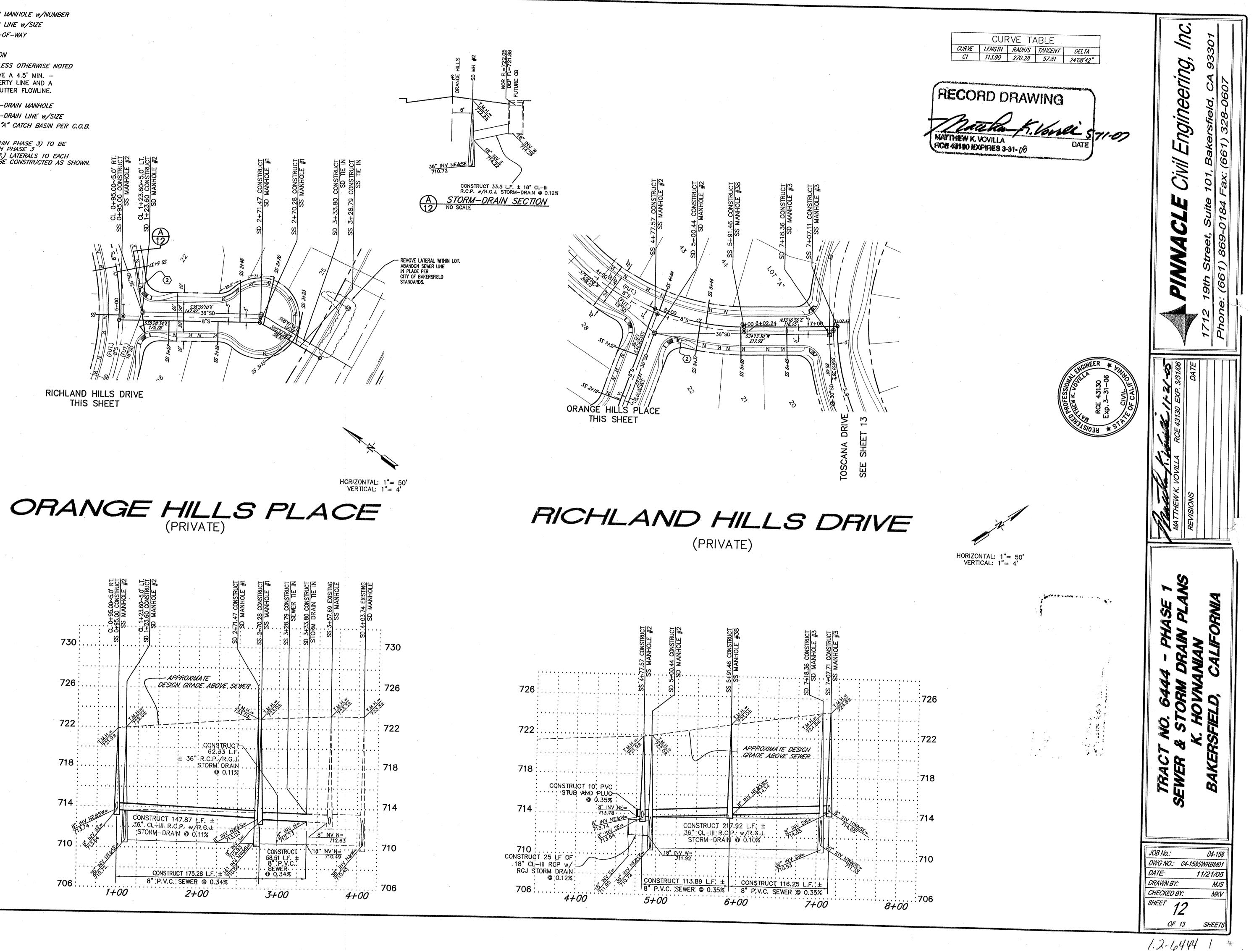




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RICHLAND HILLS DRIVE THIS SHEET



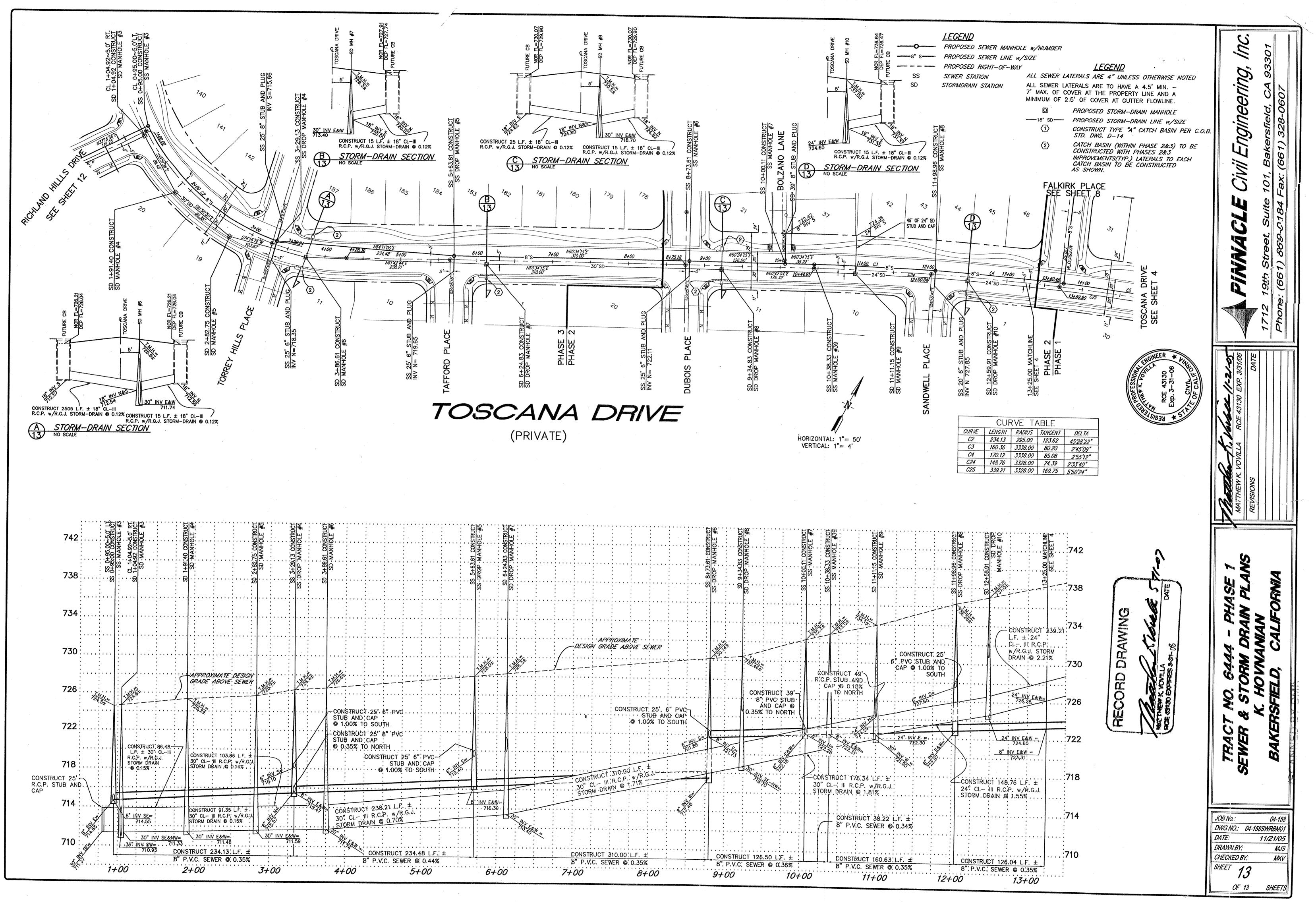


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