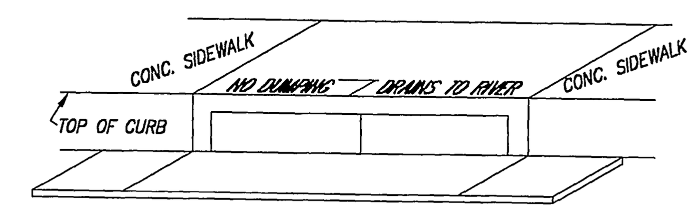
CITY OF RIVERSIDE
STORM DRAIN PLAN
TRACT NO. 32713

GENERAL NOTES:

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT, OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED, OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
8. ON ALL AREAS WITHIN THE PUBLIC RIGHT-OF-WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUB-GRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
9. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
10. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY USA.
11. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.



CATCH BASIN STENCILING DETAIL "A"
NOT TO SCALE

(A) STENCIL TO HAVE 2" LETTERS AS FOLLOWS:
-NO DUMPING
-DRAINS TO RIVER
(B) PLACE BOTH STENCILS CENTERD WITHIN THE CATCHBASIN OPENING AND WITHIN THE TOP OF CURB.
(C) SPRAY BOTH STENCILS WITH WHITE PAINT.
(D) REMOVE STENCILS WHEN PAINT IS DRY.

EROSION CONTROL NOTES:

1. NO WORK WHATSOEVER SHALL BE STARTED WITHOUT NOTIFYING THE CITY OF RIVERSIDE 48 HOURS PRIOR TO BEGINNING WORK.
2. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE APPROVED PLANS WITHIN HIS AREA OF TECHNICAL SPECIALTY.
3. ALL DIRT, SAND, MUD, OR DEBRIS DEPOSITED OR SPILLED UPON PUBLIC STREETS DURING ANY GRADING, HAULING, OR EXPORT OPERATIONS SHALL IMMEDIATELY BE CLEANED UP BY DEVELOPER, HIS CONTRACTOR OR SUBCONTRACTOR.
4. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON PLANS PRIOR TO START OF GRADING OPERATIONS. ANY DISCREPANCIES BETWEEN THE QUANTITIES SHOWN ON PLANS AND THE CONTRACTOR'S QUANTITIES SHALL BE REPORTED TO THE ENGINEER.
5. PLANTED SLOPES SHALL BE WATERED AND MAINTAINED.
6. APPROVED EROSION PROTECTION DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE RAINY SEASON AND SHALL BE IN PLACE AT THE END OF EACH DAY'S WORK AND BEFORE FORECASTED RAINY WEATHER.
7. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITEE.

TELEPHONE NUMBERS

EMERGENCY

RIVERSIDE POLICE DEPARTMENT	(951) 787-7911
RIVERSIDE FIRE DEPARTMENT	(951) 826-5321
GOODHEW AMBULANCE	(951) 684-5520
RIVERSIDE COMMUNITY HOSPITAL	(951) 788-3000
RIVERSIDE GENERAL HOSPITAL	(951) 351-0925

UTILITIES

UNDERGROUND SERVICE ALERT	(800) 227-2600
CITY OF RIV. ELEC. OPERATIONS CONTROL CTR.	(951) 687-0791
SOUTHERN CALIFORNIA GAS (DISTRIBUTION)	(800) 422-4133
CITY OF RIV. PUBLIC UTIL. CUSTOMER SERVICES	(800) 782-0330
PACIFIC BELL	(800) 422-4133
AMERICAN TELEPHONE & TELEGRAPH	(951) 381-7380
CHARTER COMMUNICATION CABLE	(951) 688-9012
CITY OF RIV. WATER OPERATIONS EMERGENCIES	(951) 688-9012

OTHERS

RIVERSIDE PUBLIC WORKS DEPARTMENT	(951) 826-5341
R.F. DICKSON STREET SWEEPING	(800) 841-7994
WESTERN WASTE	(951) 737-0343
RIVERSIDE DIAL-A-RIDE (SUPERVISOR)	(951) 275-9620
US POSTAL SERVICE	(951) 737-0451
RIVERSIDE UNIFIED SCHOOL DISTRICT	(951) 788-7134
RIVERSIDE TRANSIT AGENCY	(951) 684-0850

ATTENTION CONTRACTORS:

GRADES ARE GIVEN FROM TOP OF STAKES AND NAILS UNLESS OTHERWISE NOTED HEREIN. IN THE CASE OF A PIPE OR FLUME, GRADES GIVEN REFER TO THE HEIGHT OF THE BOTTOM OF THE INVERT OR INSIDE BOTTOM. CONTRACTORS ARE CAUTIONED TO OBSERVE THE FOLLOWING RULE IN USING THE GRADE STAKES GIVEN BY THIS OFFICE FOR PUTTING IN CURBS, WALKS, SEWER, FLUMES, AND ALL OTHER WORK. THREE CONSECUTIVE POINTS THAT ARE SHOWN TO BE ON THE SAME RATE OF SLOPE MUST BE USED IN COMMON IN ORDER THAT ANY VARIATION OUT OF A PERFECT STRAIGHT GRADE MAY BE DETECTED, AND IN CASE ANY SUCH DISCREPANCY IS FOUND, THE SAME MUST BE REPORTED. OTHERWISE THIS OFFICE WILL NOT BE RESPONSIBLE FOR ANY ERROR IN THE GRADE OF THE FINISHED WORK. IN ANY CASE, ALL STAKES, NAILS, ITC., VOID IN THREE (3) DAYS.

PRIVATE ENGINEER'S NOTICE TO CONTRACTOR:

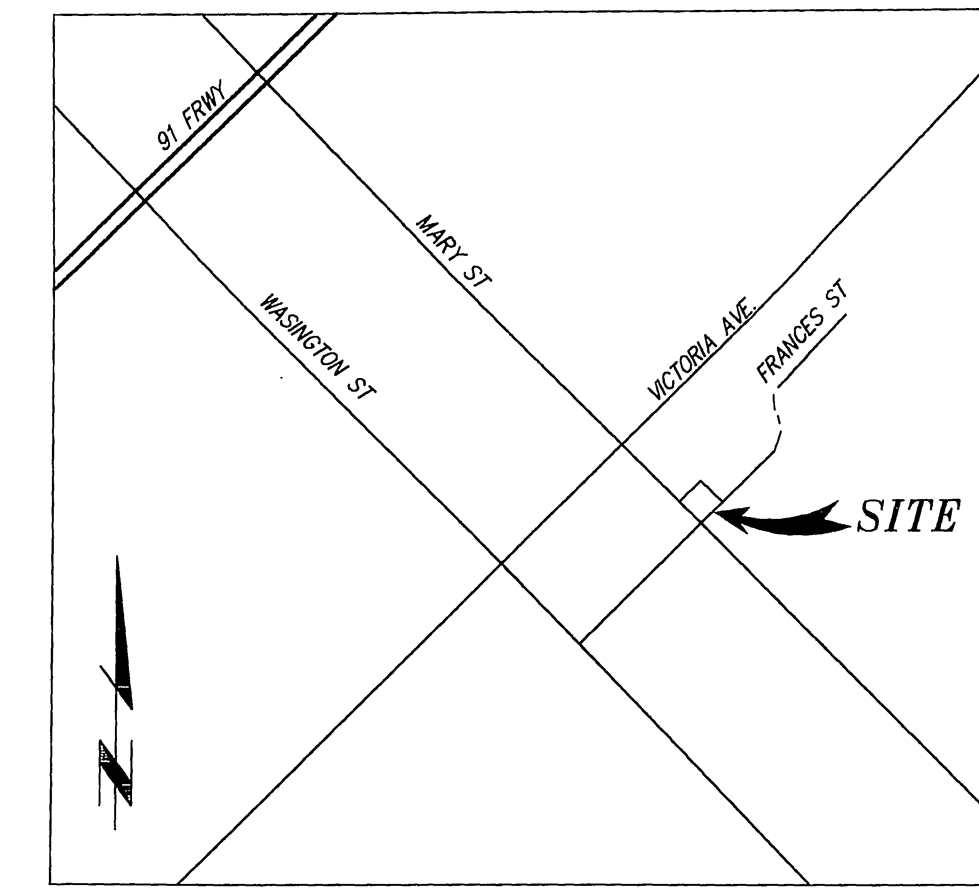
THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OF STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THESE LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD BY THE CONTRACTOR, SO THAT ANY NECESSARY ADJUSTMENTS CAN BE MADE IN ALIGNMENT AND/OR GRADE OF THE PROPOSED IMPROVEMENTS. THE CONTRACTOR IS REQUIRED TO TAKE DOE PRECAUTIONARY MEASURES TO PREVENT ANY UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITE, THE CITY ENGINEER MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO 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 BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

CONTRACTORS RESPONSIBILITY:

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COARSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND 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 FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.



VICINTY MAP
N.T.S.

LEGEND

F.L.	FLOW LINE
F.G.	FINISHED GRADE
F.S.	FINISH SURFACE ELEVATION
P.E.	PAD ELEVATION
F.F.	FINISH FLOOR ELEVATION
G.F.F.	GARAGE FINISH FLOOR ELEVATION
T.W.	TOP OF WALL ELEVATION
T.F.	TOP OF FOOTING ELEVATION
T.G.	TOP OF GRATE ELEVATION
INV.	INVERT OF PIPE ELEVATION
T.C.	TOP OF CURB ELEVATION
LIP	LIP ELEVATION OF CURB OR GUTTER

CONSTRUCTION NOTES

(1) CONSTRUCT UNDER SIDEWALK DRAN PER APWA STD. DWG. 151-1 (INLET TYPE 1, S=4')......1 EA.
(2) INSTALL 15" RCP (2000D)CASE I BEDDING PER CITY OF RIV. STD. 452. ....128 LF.
(3) CONSTRUCT CATCH BASIN PER CITY OF RIV. STD. DWG. 405..1 EA.

DIGALERT
DIAL BEFORE YOU DIG — TWO WORKING DAYS BEFORE YOU DIG
TOLL FREE 1-800-227-2600
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT

CHARTER COMMUNICATIONS
5/24/05
REVIEWED FOR CONFLICTS BY — DATE

SBC TELEPHONE
5-26-05
REVIEWED FOR CONFLICTS BY — DATE

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BENCHMARK:
CITY OF RIVERSIDE

BENCHMARK:
POINT I.D. G6-B2 ELEV. 944.502
BRASS DISK IN MONUMENT WELL AT THE INTERSECTION OF VICTORIA AVENUE AND MARY STREET

ELECTRIC
APPROVED BY ELECTRIC ENGINEERING

WATER
MW McLeod 5/26/05
APPROVED BY WATER ENGINEERING

REGISTERED PROFESSIONAL ENGINEER — FREDDY IRIANTO — No. 60874 — Exp.12/31/06 — CIVIL — STATE OF CALIFORNIA

RIVERSIDE TAX ID #: 106198 EXP: 01/01/06

IW Consulting Engineers, Inc.
- Civil Engineering
- Surveying
- Land Planning

3544 University Avenue, Riverside, CA 92501 — Tel: 951.687.2929 — Fax: 951.687.2999

PREPARED BY: — R.C.E. NO. 60874 — DATE: 5/26/04

MARK	REVISIONS	APPR.	DATE

DESIGNED BY FI — DRAWN BY NH — CHECKED BY FI

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	7/13/05
S. D. SERVICES	—	—
TRAFFIC DIVISION	—	—
PARKS DEPARTMENT	—	—

APPROVED BY — CITY ENGINEER — DATE 7/13/05

STORMDRAIN IMPROVEMENT PLAN
TRACT NO. 32713
TARA LANE
SCALE: HORIZ 1"= N/A

PW 04-0984
D-769
SHEET 1 OF 2
JOB NO: 235.003

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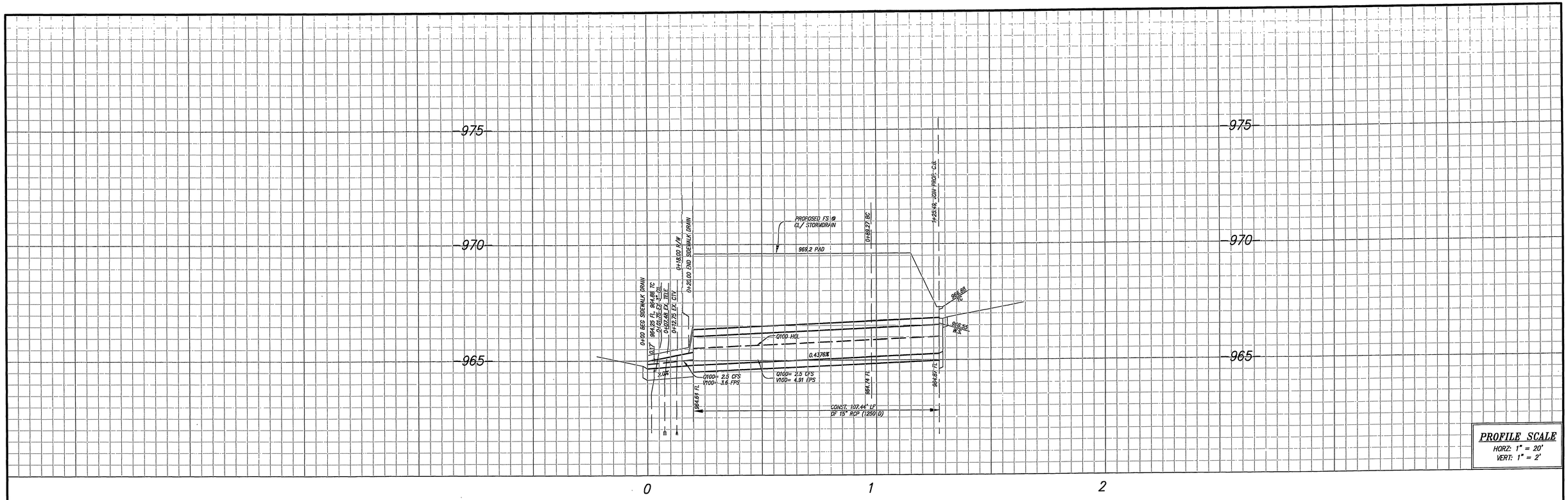
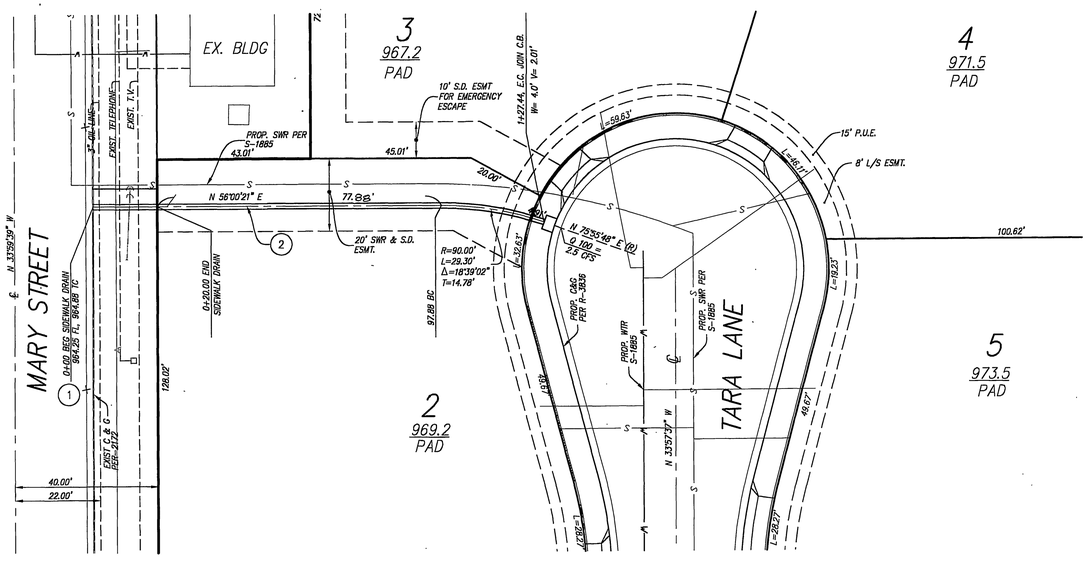
INDEXED 8-01-05 EH





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PROFILE SCALE
HORZ: 1" = 20'
VERT: 1" = 2'

0 20 40 60 80

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STORMDRAIN IMPROVEMENT PLAN

TRACT NO. 32713
TARA LANE

SCALE: HORIZ 1"=20 VERT: 1" = 2

PW 04-0984
D-769
SHEET 2 OF 2
JOB NO: 235.003

BJZ
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