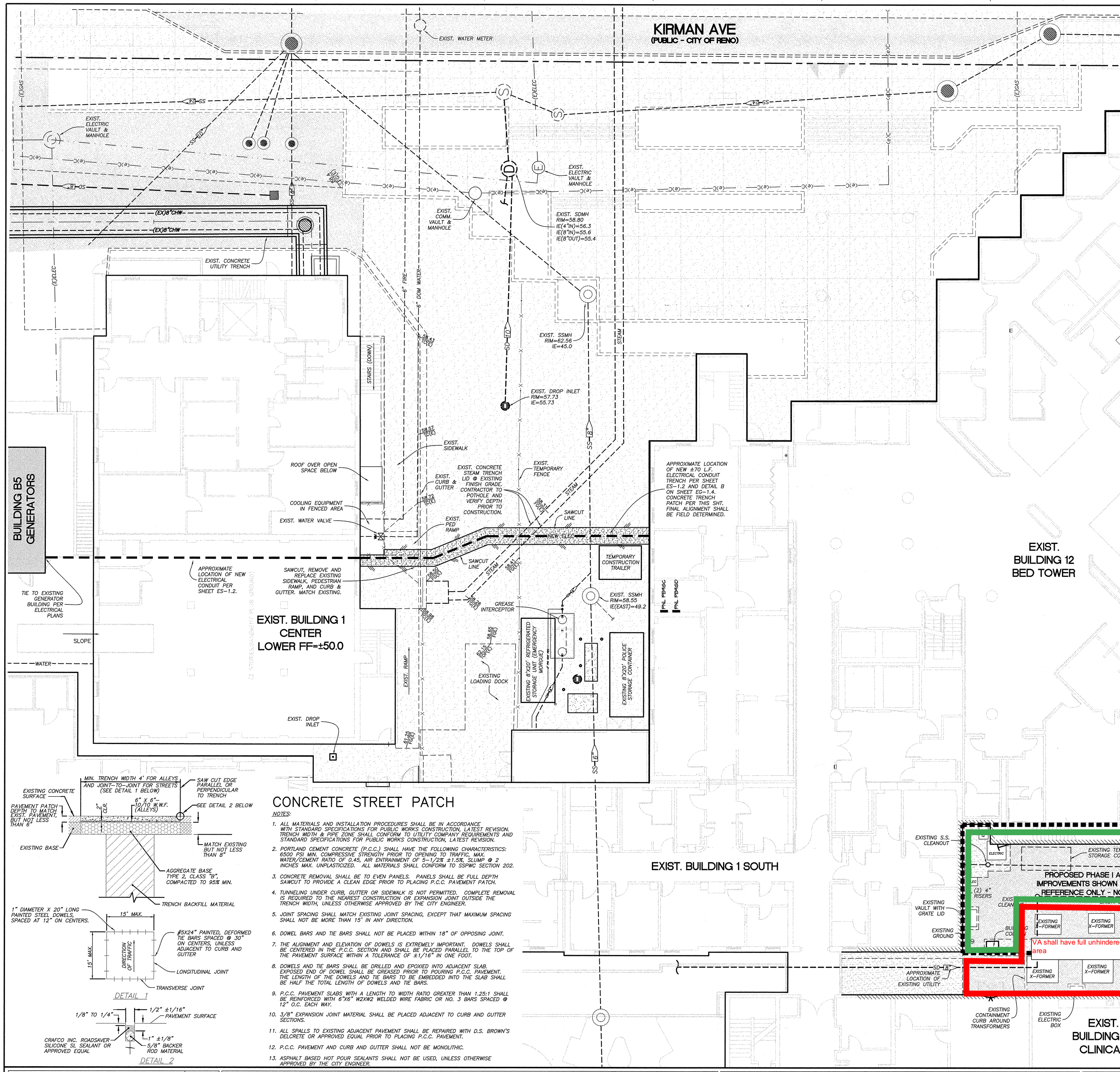


CONCRETE STREET PATCH

NOTES:

1. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION. TRENCH WIDTH & PIPE ZONE SHALL CONFORM TO UTILITY COMPANY REQUIREMENTS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST REVISION.
2. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 6500 PSI MIN. COMPRESSIVE STRENGTH PRIOR TO OPENING TO TRAFFIC, MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT OF 5-1/2% ±1.5%, SLUMP @ 2 INCHES MAX. UNPLASTICIZED. ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202.
3. CONCRETE REMOVAL SHALL BE TO EVEN PANELS. PANELS SHALL BE FULL DEPTH SAWCUT TO PROVIDE A CLEAN EDGE PRIOR TO PLACING P.C.C. PAVEMENT PATCH.
4. TUNNELING UNDER CURB, GUTTER OR SIDEWALK IS NOT PERMITTED. COMPLETE REMOVAL IS REQUIRED TO THE NEAREST CONSTRUCTION OR EXPANSION JOINT OUTSIDE THE TRENCH WIDTH, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
5. JOINT SPACING SHALL MATCH EXISTING JOINT SPACING, EXCEPT THAT MAXIMUM SPACING SHALL NOT BE MORE THAN 15' IN ANY DIRECTION.
6. DOWEL BARS AND TIE BARS SHALL NOT BE PLACED WITHIN 18" OF OPPOSING JOINT.
7. THE ALIGNMENT AND ELEVATION OF DOWELS IS EXTREMELY IMPORTANT. DOWELS SHALL BE CENTERED IN THE P.C.C. SECTION AND SHALL BE PLACED PARALLEL TO THE TOP OF THE PAVEMENT SURFACE WITHIN A TOLERANCE OF ±1/16" IN ONE FOOT.
8. DOWELS AND TIE BARS SHALL BE DRILLED AND EPOXIED INTO ADJACENT SLAB. EXPOSED END OF DOWEL SHALL BE GREASED PRIOR TO POURING P.C.C. PAVEMENT. THE LENGTH OF THE DOWELS AND TIE BARS TO BE EMBEDDED INTO THE SLAB SHALL BE HALF THE TOTAL LENGTH OF DOWELS AND TIE BARS.
9. P.C.C. PAVEMENT SLABS WITH A LENGTH TO WIDTH RATIO GREATER THAN 1.25:1 SHALL BE REINFORCED WITH 6"X6" W2XW2 WELDED WIRE FABRIC OR NO. 3 BARS SPACED @ 12" O.C. EACH WAY.
10. 3/8" EXPANSION JOINT MATERIAL SHALL BE PLACED ADJACENT TO CURB AND GUTTER SECTIONS.
11. ALL SPALLS TO EXISTING ADJACENT PAVEMENT SHALL BE REPAIRED WITH D.S. BROWN'S DELCRETE OR APPROVED EQUAL PRIOR TO PLACING P.C.C. PAVEMENT.
12. P.C.C. PAVEMENT AND CURB AND GUTTER SHALL NOT BE MONOLITHIC.
13. ASPHALT BASED HOT POUR SEALANTS SHALL NOT BE USED, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

NOTES:

1. ALL SITE WORK CONSTRUCTION SHALL BE PER THE DEPT. OF VETERANS AFFAIRS MASTER SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AS SPONSORED BY RTC, CITY OF RENO, CITY OF SPARKS, AND WASHOE COUNTY, NEVADA.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES REQUIRED FOR CONSTRUCTION.
3. THE CONTRACTOR SHALL VERIFY IN FIELD, ALL ELEVATIONS, DIMENSIONS, FLOW LINES, EXISTING CONDITIONS, AND POINTS OF CONNECTION WITH ADJOINING PROPERTY (PUBLIC OR PRIVATE). ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL MAINTAIN A DUST CONTROL PROGRAM, INCLUDING WATERING OF OPEN AREAS. THE CONTRACTOR SHALL ALSO MAINTAIN CONFORMITY WITH SECTION 040.030 OF THE WASHOE COUNTY AIR POLLUTION REGULATIONS.
5. THE CONTRACTOR SHALL MAINTAIN AN ONGOING PROCESS OF REMOVAL OF ALL SPILLAGE OF EXCAVATION MATERIAL ON ALL PAVED STREETS.
6. LAND GRADING SHALL BE DONE IN A METHOD TO PREVENT DUST FROM TRAVERSING THE PROPERTY LINE.
7. THE CONTRACTOR SHALL NOTIFY ALL EFFECTED PUBLIC ENTITIES 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT THE UTILITY COMPANIES FOR LOCATIONS OR POT-HOLING PRIOR TO CONSTRUCTION.
9. ANY CONFLICT WITH EXISTING UTILITIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
10. ADD 4400 FEET TO ALL SPOT ELEVATIONS.
11. ALL STREET LIGHTS, ELECTRICAL BOXES, CONTROLS AND RELATED APPURTENANCES SHALL BE SAVED FOR THE OWNER AND STORED IN A LOCATION DESIGNATED BY THE OWNER OR THE OWNER'S REPRESENTATIVE. ITEMS THAT ARE DETERMINED TO UNSALVAGEABLE SHALL BE DISPOSED OF BY THE CONTRACTOR.
12. VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL SHALL BE PROVIDED BY THE CONTRACTOR DURING ALL PHASES OF CONSTRUCTION. ALL NECESSARY WARNING SIGNS, FENCES, ETC. SHALL BE PROVIDED TO PREVENT UNAUTHORIZED ACCESS TO THE CONSTRUCTION SITE.
13. EXISTING UTILITY LOCATIONS DETERMINED FROM FIELD SURVEYS, NV ENERGY MAPS AND CONSTRUCTION DRAWINGS MADE AVAILABLE TO THE ENGINEER. THE CONTRACTOR SHOULD USE CAUTION WHILE EXCAVATING SINCE SOME UTILITIES MAY NOT BE IDENTIFIED ON THE PLANS OR MAY NOT BE IN THE EXACT LOCATIONS SHOWN HEREIN.

LEGEND:

- EXISTING AC PAVING AREA
- EXISTING PCC PAVING AREA
- NEW PCC PAVING AREA
- MANHOLE
- CATCH BASIN
- STORM DRAIN MAIN (DASHED IF EXISTING)
- SANITARY SEWER MAIN (DASHED IF EXISTING)
- CLEANOUT
- GAS MAIN (DASHED IF EXISTING)
- WATER MAIN (DASHED IF EXISTING)
- UNDERGROUND COMMUNICATION LINE (EXISTING)
- UNDERGROUND ELECTRIC LINE (EXISTING)
- SLOPE IN PERCENT
- ELEVATION @ FINISH GRADE
- ELEVATION @ TOP OF CURB
- ELEVATION @ GRADE BREAK
- ELEVATION @ FLOW LINE
- ELEVATION @ TOP OF WALL
- ELEVATION @ FINISHED FLOOR

811 Know what's below. Call before you dig.

BASIS OF BEARINGS

RECORD OF SURVEY MAP NO. 2948 FOR VETERANS HOSPITAL, FILE NO. 1941519 RECORDED NOVEMBER 13, 1995.

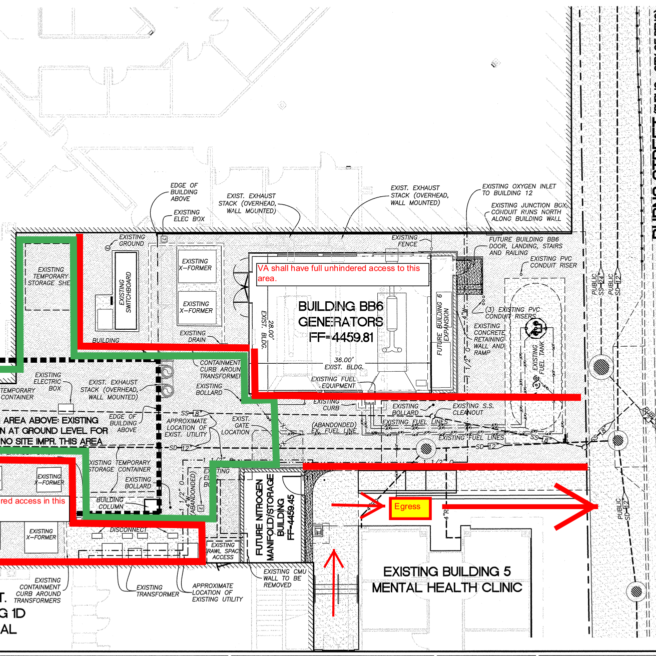
BASIS OF ELEVATION

NAVD88 CITY OF RENO DATUM ~ BENCH MARK NO. 3023 BEING A 1 1/2" DIA STEEL CAP IN TC, AND HAVING AN ELEVATION OF 4453.8 LOCATED ON THE SOUTHEASTERLY CORNER OF KIRMAN AVE AND BALZAR CIR. ADD 4400 FEET TO SPOT ELEVATIONS TO OBTAIN DATUM.

FEMA NOTE

F.I.R.M. PANEL NO. 32031C2993E DATED 9-30-94 DESIGNATES THIS SITE AS BEING IN AN UNSHADED ZONE "X"

GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.



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775 - 852 - 5800
eric@sikora-architecture.com
JOB: 11-007

PROFESSIONAL ENGINEER - STATE OF NEVADA, GABRIEL S. WITTLER, Exp: 6-30-14, CIVIL, No. 16858, 12-4-12

Drawing Title	PHASE I - CIVIL SITE PLAN
Approved: Project Director	
Project Title	Design of Office of Information & Technology Services
Location	975 KIRMAN AVE. RENO, NV 89502
Date	12-4-12
Checked	G.S.W.
Drawn	G.S.W.
Project Number	654-11-228
Building Number	12
Drawing Number	12-CS-1.1
Dwg.	of

Office of Construction and Facilities Management:
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978