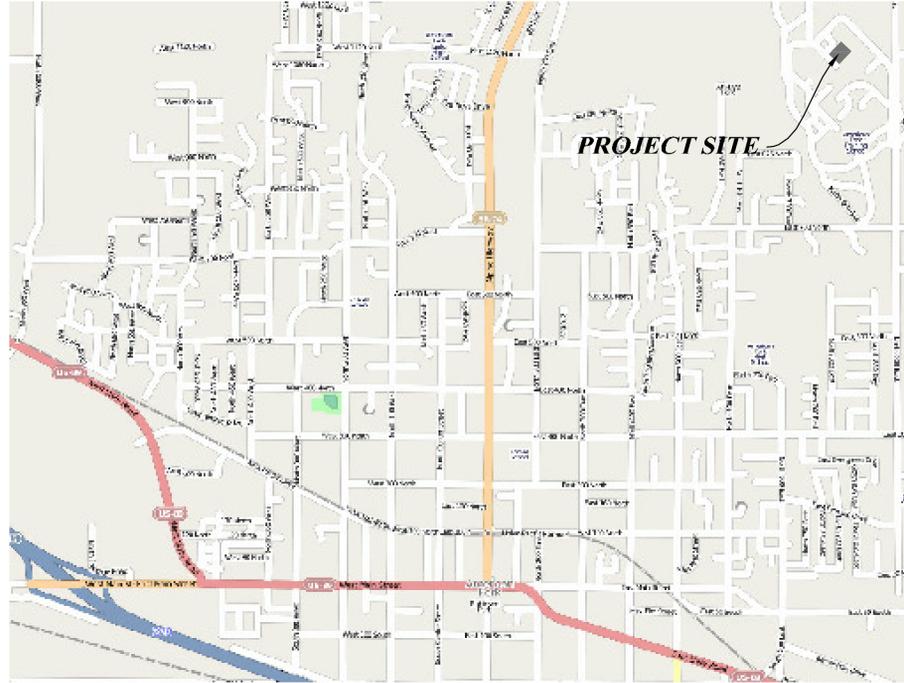


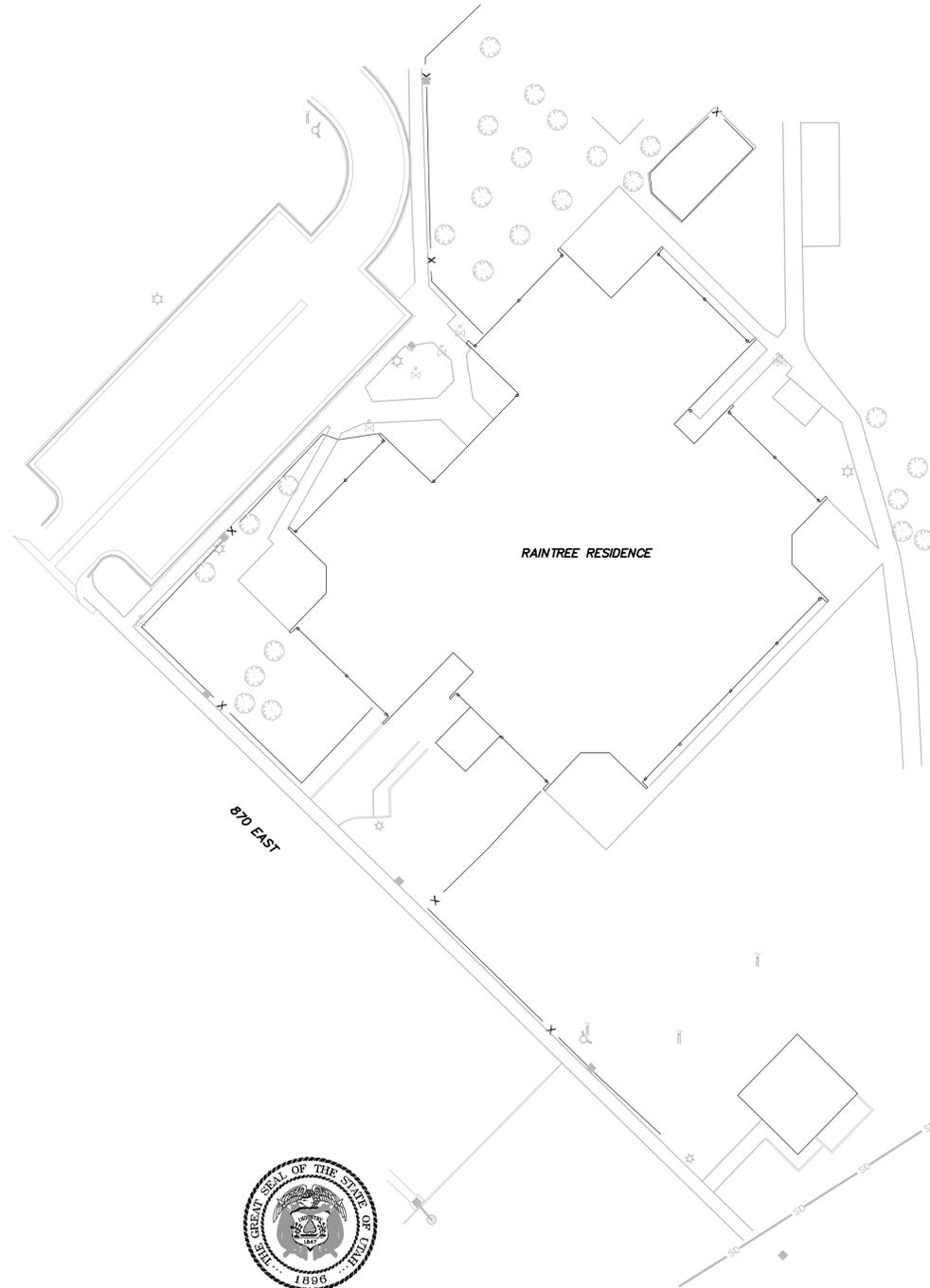
UTAH ADULT DEVELOPMENT CENTER RAINTREE RESIDENCE DRAINAGE PROJECT AMERICAN FORK, UTAH

DFCM PROJECT NO. 04146410

DATE: 9/9/09 TIME: 8:33:47 AM DRAWING NAME: I:\PROJECTS\04146410\04146410.DWG
SERVER: S:\S1 PLOTTED BY: WELLMORE DESIGNER: CMW PROJ. MGR: JBS
PATH: N:\SIB0569\CADD\IP



VICINITY MAP



State of Utah—Department of Administrative Services
DIVISION OF FACILITIES CONSTRUCTION
AND MANAGEMENT
4110 State Office Building/Salt Lake City, Utah 84114/538-3018

SHEET INDEX

SHEET NUMBER	DRAWING NUMBER	SHEET DESCRIPTION
1	IP01T	COVER SHEET
2	IP02GN	GENERAL NOTES & LEGEND
3	IP03PP	LINE A PLAN AND PROFILE
4	IP04PP	LINE B PLAN AND PROFILE
5	IP05DT	DETAILS
6	IP06EC	HORIZONTAL CONTROL & EROSION CONTROL PLAN

FOR CONSTRUCTION

**DFCM
UTAH ADULT DEVELOPMENT CENTER: RAIN TREE RESIDENCE
COVER SHEET**

NOTICE
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MURRAY, UT 84407
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6217 SOUTH STATE STREET, SUITE 300
801743-8800 TEL. 801743-0300 FAX



SHEET NUMBER
1
OF 6 SHEETS

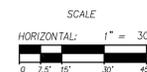
SCALE
VERTICAL: 1" = NA
HORIZONTAL: 1" = 30'

JOB NUMBER
SLB0568

PREPARED FOR: DFCM

DATE SUBMITTED: SEPT. 2009

CAUTION
The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.



SCALE

HORIZONTAL: 1" = 30'
0 7.5 15 30 45

XREFS: EXON, EXIT, 24430N, PROT, IMAGES: Vicinity Map.RIP

GENERAL NOTES

- ALL CONSTRUCTION SHALL STRICTLY FOLLOW THE STANDARDS AND SPECIFICATIONS SET FORTH BY: GOVERNING UTILITY MUNICIPALITY, CITY, INDIVIDUAL PRODUCT MANUFACTURERS, AMERICAN PUBLIC WORKS ASSOCIATION (APWA), OWNER AND THE DESIGN ENGINEER. THE ORDER LISTED ABOVE IS ARRANGED BY SENIORITY. IF A CONSTRUCTION PRACTICE IS NOT SPECIFIED BY ANY OF THE LISTED SOURCES, CONTRACTOR SHALL CONTACT DESIGN ENGINEER FOR DIRECTION.
- TRAFFIC CONTROL, STRIPING & SIGNAGE TO CONFORM TO CURRENT, UDOT TRANSPORTATION ENGINEERS MANUAL AND MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER GENERATED OR DRAINING FROM CONSTRUCTION SITE.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER. ANY AREA WITHIN LIMITS OF DISTURBANCE TO BE RESTORED TO ORIGINAL CONDITIONS TO COMPLETE CONSTRUCTION. COORDINATE ALL WORK AND SCHEDULE WITH BRET HARDY, MAINTENANCE AND GROUNDS SUPERVISOR, CELL 801.369.0181
- CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE MOST RECENT, ADOPTED EDITION OF ADA ACCESSIBILITY GUIDELINES.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ARCHITECT/ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION. COORDINATE ALL WORK AND SCHEDULE WITH BRET HARDY, MAINTENANCE AND GROUNDS SUPERVISOR, CELL 801.369.0181
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL REQUIRED PERMITS FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY FROM THE APPROPRIATE, CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD, INCLUDING OBTAINING REQUIRED INSPECTIONS.
- ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES.
- CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND SUBMIT ALL QUESTIONS BEFOREHAND TO ENGINEER.
- THIS DRAWING SET IS INTENDED TO BE AN ALL-INCLUSIVE SET OF DRAWINGS. CONTRACTOR SHALL COORDINATE WITH ALL OTHER DISCIPLINES, INCLUDING BUT NOT LIMITED TO: SOILS REPORT, LANDSCAPE PLANS, SITE ELECTRICAL AND LIGHTING PLANS, MECHANICAL PLANS, BOUNDARY/TOPOGRAPHIC SURVEY
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FLAGGING, CAUTION SIGNS, LIGHTS, BARRICADES, FLAGMEN, AND ALL OTHER DEVICES NECESSARY FOR PUBLIC SAFETY. BE AWARE THAT DUE TO THE NATURE OF RESIDENTS, EXTRA CARE SHALL BE TAKEN IN SECURING THE WORK SITES, TRENCHES, SUPPLIES, AND EQUIPMENT AT ALL TIMES.
- THE CONTRACTOR SHALL, AT THE TIME OF BIDDING, AND THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS. CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PLANS AND SPECIFICATIONS.
- CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY THEMSELVES BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS THEY MAY PREFER, OF THE LOCATION OF THE PROPOSED WORK, AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF THEIR EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO THEM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID. SUBMISSION OF A BID BY THE CONTRACTOR SHALL CONSTITUTE ACKNOWLEDGMENT THAT, IF AWARDED THE CONTRACT, THEY HAVE RELIED AND ARE RELYING ON THEIR OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON THEIR OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. CONTRACTOR SHALL ACKNOWLEDGE THAT THEY HAVE NOT RELIED SOLELY UPON OWNER OR ENGINEER FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING THEIR BID.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER, ENGINEER, AND/OR GOVERNING AGENCIES.
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR RE-INSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.

EROSION CONTROL NOTES

- ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE MOST CURRENT CITY, COUNTY, AND STATE STANDARDS AND SPECIFICATIONS AND MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES INCLUDING SILT FENCE BARRIERS SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND IMMEDIATELY AT THE END OF A RAINFALL EVENT AND AT LEAST DAILY DURING PROLONGED RAINFALL. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCES, END RUNS, AND UNDERCUTTING BENEATH SILT FENCING. ANY NEEDED CLEANING, REPAIRS, AND REPLACEMENT SHALL BE DONE IMMEDIATELY UPON DISCOVERY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
- THE OWNER'S REPRESENTATIVE SHALL MAKE ROUTINE CHECKS ON ALL EROSION CONTROL MEASURES TO DETERMINE IF REPAIRS OR SEDIMENT REMOVAL IS NECESSARY. DUE TO CONDITIONS THAT MAY ARISE IN THE FIELD, ADDITIONAL CONTROL MAY BE DETERMINED TO BE NECESSARY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OR PLATING OF ALL TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- THE CONSTRUCTION SITE SHALL BE CLEANED EACH NIGHT OF ALL CONSTRUCTION DEBRIS AND SEDIMENT, BOTH ON AND OFF SITE.

UTILITY NOTES

- CONTRACTOR SHALL COORDINATE LOCATION OF NEW "DRY UTILITIES" WITH THE APPROPRIATE UTILITY COMPANY, INCLUDING BUT NOT LIMITED TO: TELEPHONE SERVICE, GAS SERVICE, CABLE, POWER, INTERNET.
- EXISTING UTILITIES HAVE BEEN SHOWN ON THE PLANS USING A COMBINATION OF ONE-SITE SURVEYS AND AS-BUILT PLANS (BY OTHERS). THE CONTRACTOR SHALL CONTACT THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR SHALL POT HOLE ALL UTILITIES TO DETERMINE IF CONFLICTS EXIST. NOTIFY ENGINEER OF ANY CONFLICTS. CONTRACTOR SHALL VERIFY LOCATION AND INVERTS OF EXISTING UTILITIES TO WHICH NEW UTILITIES WILL BE CONNECTED. PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE REQUIRED PROCEDURES, SEE NOTE 18 BELOW.
- CARE SHOULD BE TAKEN IN ALL EXCAVATIONS DUE TO POSSIBLE EXISTENCE OF UNRECORDED UTILITY LINES. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT HIS EXPENSE.
- ALL VALVES, CLEANOUTS, AND MANHOLES COVERS SHALL BE RAISED OR LOWERED TO MEET FINISHED GRADE.
- CONTRACTOR SHALL CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE.
- CONTRACTOR SHALL SEAL AT CONNECTION OF PIPE TO BOX WITH NON-SHRINK GROUT, INCLUDING PIPE VOIDS LEFT BY CUTTING PROCESS, TO A SMOOTH FINISH. SILT AND DEBRIS IS TO BE CLEANED OUT OF ALL STORM DRAIN BOXES. CATCH BASINS ARE TO BE MAINTAINED IN A CLEANED CONDITION AS NEEDED UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
- CONTRACTOR SHALL CLEAN ASPHALT, TAR OR OTHER ADHESIVES OFF OF ALL MANHOLE LIDS AND INLET GRATES TO ALLOW ACCESS.
- MAINTAIN A MINIMUM 1 FOOT VERTICAL SEPARATION DISTANCE BETWEEN ALL UTILITY CROSSINGS.
- CONTRACTOR MUST START INSTALLATION AT THE EXISTING DOWNSTREAM CONNECTION POINT OF ALL NEW GRAVITY UTILITY LINES.
- PRIOR TO COMMENCING ANY EXCAVATION WORK THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE REQUIRED PROCEDURES.
- ALL BOLTED FITTINGS MUST BE GREASED AND WRAPPED.
- ALL REPLACED WATER LINES SHALL BE INSTALLED A MINIMUM OF 48" BELOW FINISHED GRADE.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY BLUE STAKES AT 1-800-662-4111 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK. THE CONTRACTOR SHALL RECORD THE BLUE STAKES ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION. IT WILL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECTLY CONTACT ANY OTHER UTILITY COMPANIES THAT ARE NOT MEMBERS OF BLUE STAKES. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL UNDERGROUND UTILITIES SHALL BE IN PLACE PRIOR TO INSTALLATION OF CURB, GUTTER, SIDEWALK AND STREET PAVING.
- CONTRACTOR TO INSTALL MAGNETIC LOCATING TAPE CONTINUOUSLY OVER ALL NONMETALLIC PIPE.
- ALL NEW PERFORATED DRAIN LINES SHALL BE INSTALLED AS SHOWN ON SHEET 5 DETAIL B, WITH INVERT AT LEAST 9" BELOW TOP OF CLAY, AT A STEADY SLOPE WITHOUT HIGH OR LOW POINTS.
- INSTALL CLEANOUT AT EVERY ROOF DRAIN, SEE DETAIL D SHEET 5.
- ALL PERFORATED AND SOLID WALL PIPE TO BE ADS N-12 PIPE OR APPROVED EQUAL.

ABBREVIATION :

APWA	AMERICAN PUBLIC WORKS ASSOC.
AC	ASPHALTIC CONCRETE
AND	AND
APPR.	APPROXIMATELY
ARV	AIR RELEASE VALVE
AT	AT
BDRY	BOUNDARY
BVC	BEGIN VERTICAL CURVE
BRG	BEARING
BOS	BOTTOM OF STAIRS
BT	BOTTOM OF WALL
CB	CATCH BASIN
CL OR C	CENTERLINE
CMP	CORRUGATED METAL PIPE
C.O.B.	CLEANOUT BOX
CONC	CONCRETE
DET	DETAIL
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DIST	DISTRICT
DWG	DRAWING
EA	EACH
EG	EXISTING GRADE
EP	EDGE OF PAVEMENT
EVC	END OF VERTICAL CURVE
ELEV	ELEVATION
ESMT	EASEMENT
EW	END WALL
EX	EXISTING
EXP.	EXPIRATION
FF	FINISH FLOOR
FH	FIRE HYDRANT
FIN	FINISH
FL	FLOWLINE
FT	FEET
GB	GRADE BREAK
GP	HIGH POINT
HP	HIGH POINT
HORIZ	HORIZONTAL
HYD	HYDRANT
ID	INSIDE DIAMETER
I.E.	INVERT ELEVATION
IRR	IRRIGATION
L	LENGTH
L.F.	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
O.C.	ON CENTER
OH	OVERHEAD
PC	POINT OF CURVATURE
P.E.	REGISTERED PROFESSIONAL ENGINEER
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
POC	POINT ON CURVE
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PUD	PUBLIC UTILITY & DRAINAGE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REF	REFERENCE
R.O.W.	RIGHT-OF-WAY
SS	SANITARY SEWER
SD	STORM DRAIN
SW	SIDEWALK
SCH	SCHEDULE
SEC.	SECTION
S.F.	SQUARE FEET
SHT	SHEET
STA	STATION
STD	STANDARD
TBD	TO BE DETERMINED
TC	TOP BACK OF CURB
TEMP	TEMPORARY
THRU	THROUGH
TG	TOP OF GRATE
TOS	TOP OF STAIRS
TW	TOP OF WALL
TYP	TYPICAL
VAR	VARIES
VERT	VERTICAL
W	WATER
W/	WITH
WS	WATER SURFACE

LEGEND:

	EXIST. SPRINKLER
	EXIST. WATER CAP
	EXIST. COMBO AIR VALVE (CAV)
	EXISTING BLOW OFF VALVE
	EXIST. WATER VALVE
	EXIST. FIRE HYDRANT
	EXIST. WATER LINE
	EXIST. WATER METER
	EXIST. IRRIGATION LINE
	PROPOSED IRRIGATION METER
	EXIST. 4" STORM M.H.
	EXIST. SEWER CLEANOUT
	EXIST. 4" SEWER M.H.
	EXIST. 5" SEWER M.H.
	EXIST. 6" SEWER M.H.
	EXIST. SEWER LINE
	EXIST. CATCH BASIN
	EXIST. CLEANOUT BOX
	EXIST. COMBO. BOX
	EXIST. STORM DRAIN LINE
	EXIST. MAIL BOX PAD
	EXIST. SIGNAGE
	EXIST. STREET LIGHT
	EXIST. SIDEWALK
	EXIST. CURB & GUTTER
	EXIST. LOT LINE
	PROPOSED WATER CAP
	PROPOSED COMBO AIR VALVE (CAV)
	PROPOSED BLOW OFF VALVE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED WATER LINE AND LATERAL
	PROPOSED WATER METER
	PROPOSED IRRIGATION LINE
	PROPOSED IRRIGATION METER
	PROPOSED SEWER CLEANOUT
	PROPOSED 4" SEWER M.H.
	PROPOSED 5" SEWER M.H.
	PROPOSED 6" SEWER M.H.
	PROPOSED SEWER LINE
	PROPOSED CATCH BASIN
	PROPOSED 5" CLEANOUT BOX
	PROPOSED 6" CLEANOUT BOX
	PROPOSED COMBO. BOX
	PROPOSED STORM DRAIN LINE
	PROPOSED ENERGY DISSIPATER
	PROPOSED RIP-RAP PAD
	PROPOSED SIGNAGE
	PROPOSED STREET LIGHT
	PROPOSED SIDEWALK
	PROPOSED CURB & GUTTER
	PROPOSED LOT LINE
	PROPOSED FLARED END
	PROPOSED DIRECTIONAL ARROW (SYMBOL NOT TO BE PAINTED)

NOTE: LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN PLAN SET.

DFCM
 UTAH ADULT DEVELOPMENT CENTER: RAIN TREE RESIDENCE
 GENERAL NOTES & LEGEND

NOTE
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SHEET NUMBER	2
OF	6
SHEETS	
SCALE	
VERTICAL:	1" = NA
HORIZONTAL:	1" = NA
JOB NUMBER	SLB0568

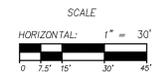
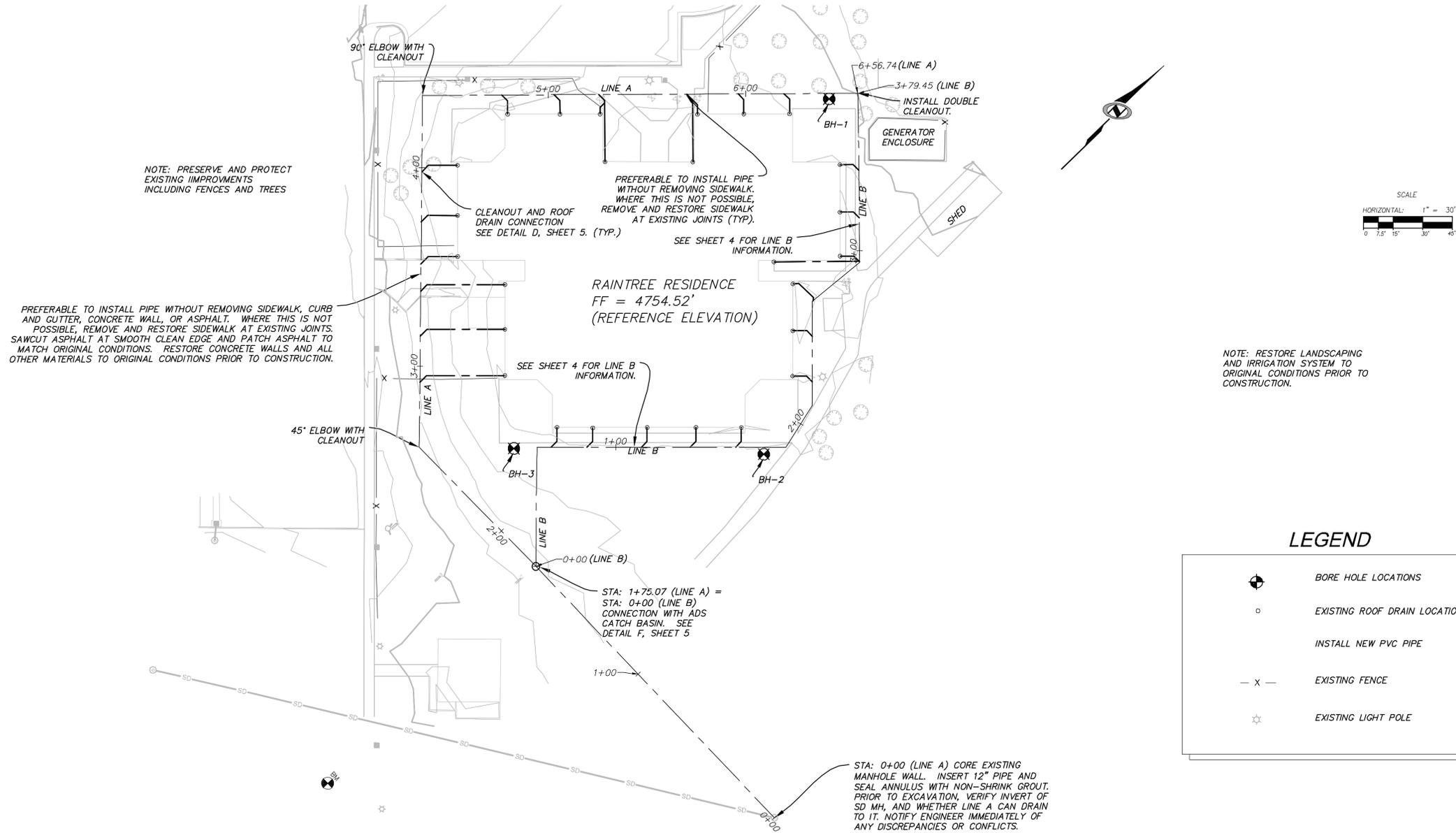
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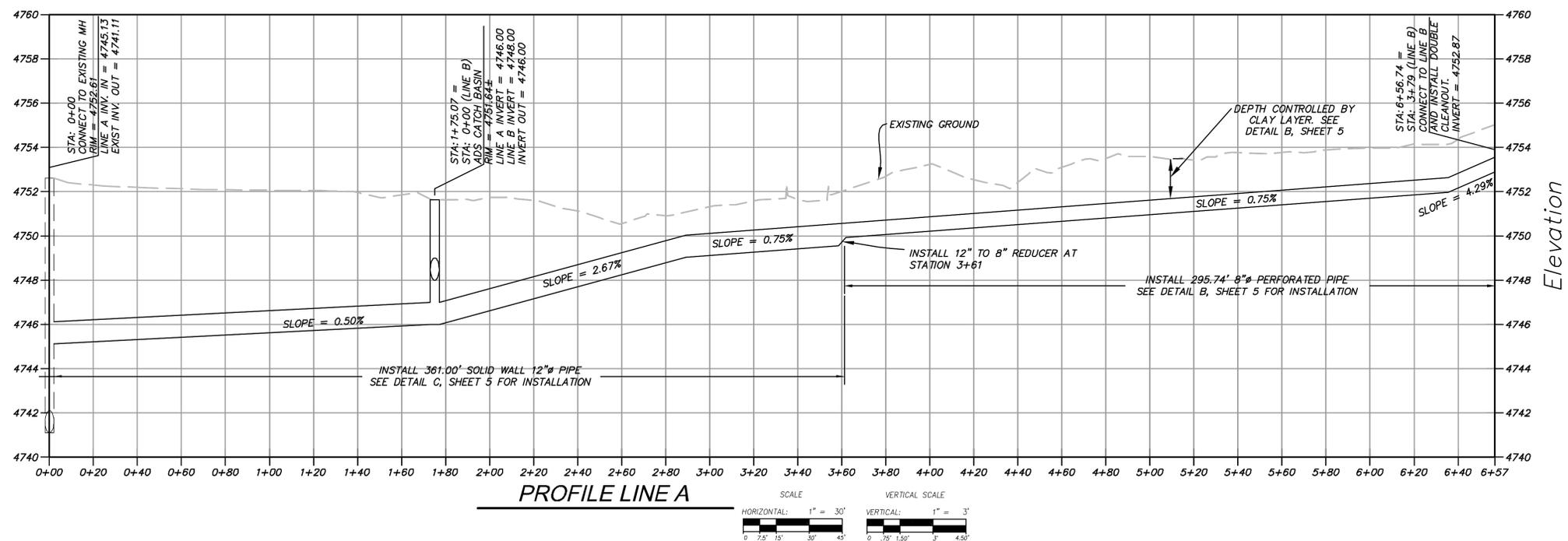
DATE SUBMITTED: SEPT. 2009

PREPARED FOR: DFCM



LEGEND

- BORE HOLE LOCATIONS
- EXISTING ROOF DRAIN LOCATIONS
- INSTALL NEW PVC PIPE
- EXISTING FENCE
- EXISTING LIGHT POLE



FOR CONSTRUCTION

NO.	BY	DATE	REVISIONS

DFCM

UTAH ADULT DEVELOPMENT CENTER: RAIN TREE RESIDENCE

LINE A PLAN AND PROFILE

DATE SUBMITTED: SEPT. 2009

PREPARED FOR: DFCM

NOTICE

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SHEET NUMBER
3

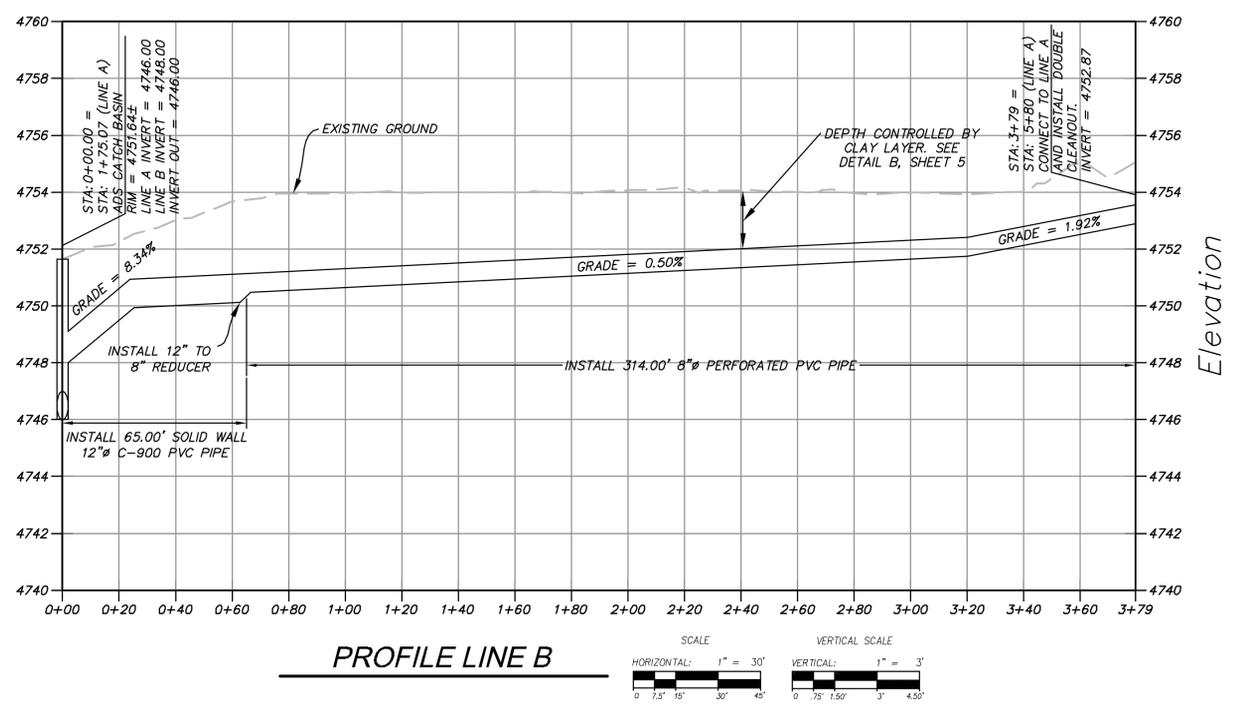
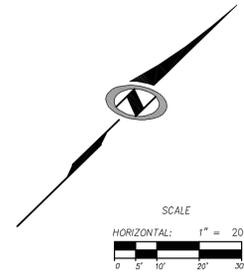
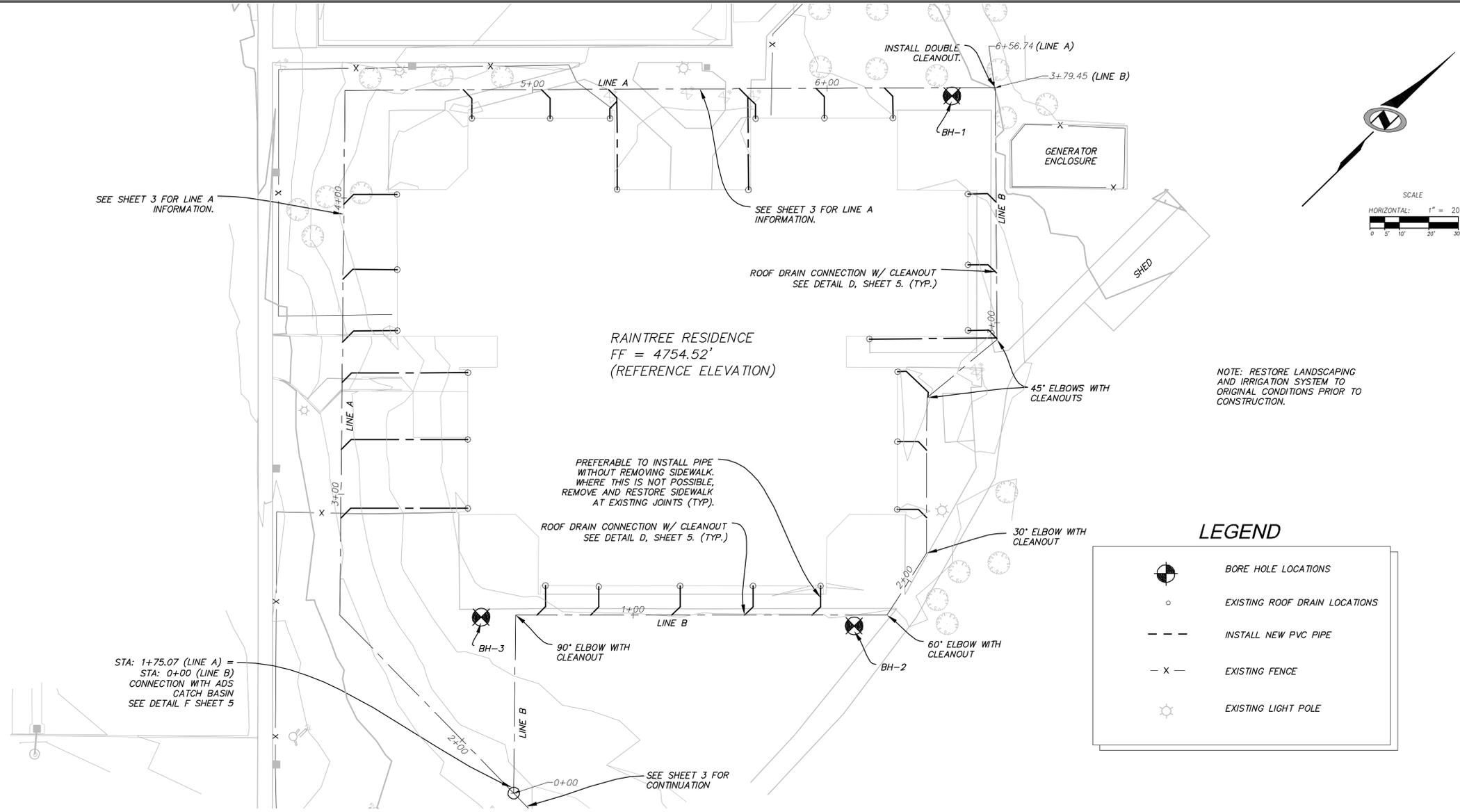
OF
6 SHEETS

SCALE
 VERTICAL: 1" = 3'
 HORIZONTAL: 1" = VARIES

FULL SIZE VERSION ONLY

JOB NUMBER
SLB0558



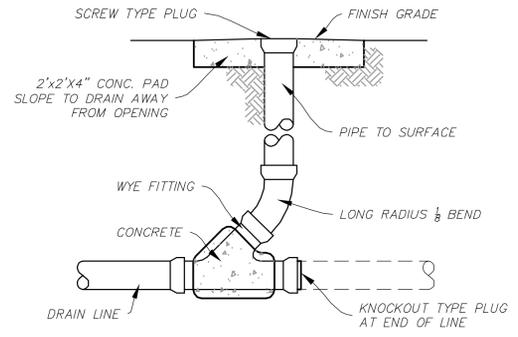


PROFILE LINE B

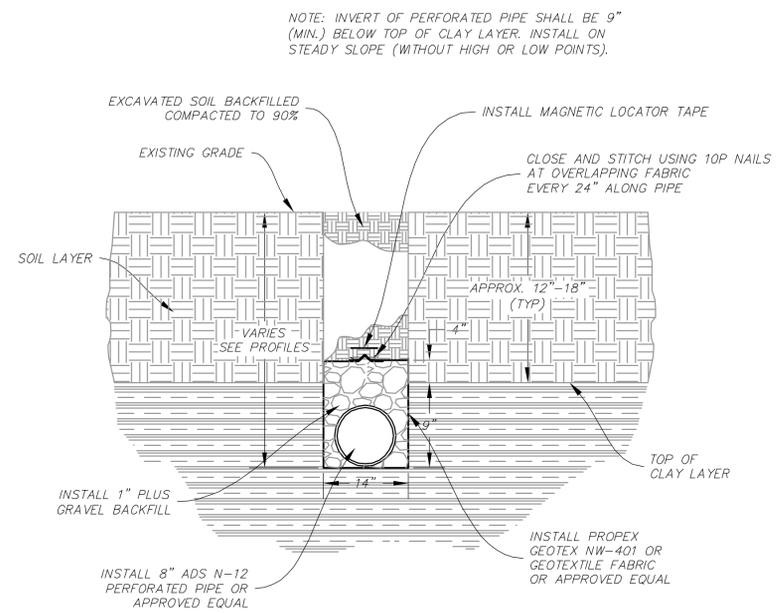


FOR CONSTRUCTION

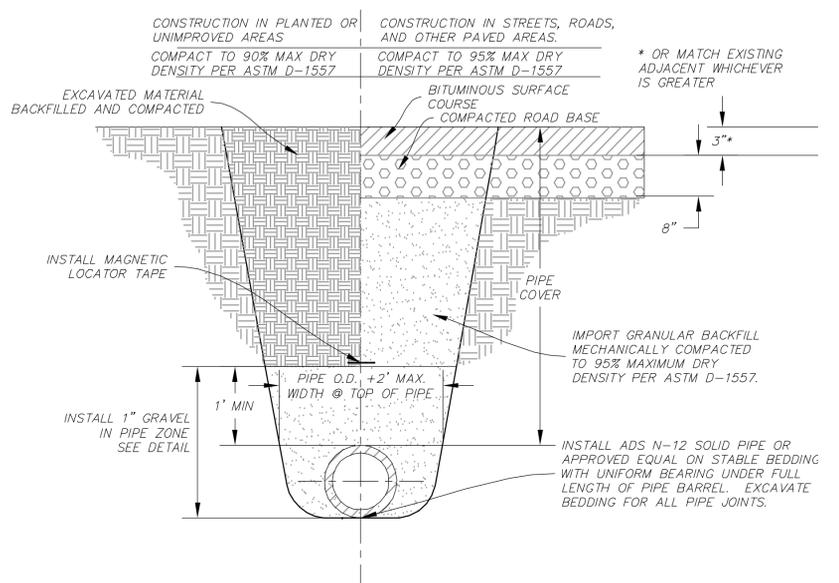
DFCM UTAH ADULT DEVELOPMENT CENTER: RAINTREE RESIDENCE LINE B PLAN AND PROFILE		REVISIONS NO. BY DATE
PREPARED FOR: DFCM		DATE SUBMITTED: SEPT. 2009
6217 SOUTH STATE STREET, SUITE 300 801743.8000 TEL. 801743.0300 FAX		
SHEET NUMBER 4		OF 6 SHEETS
SCALE VERTICAL: 1" = 3' HORIZONTAL: 1" = VARIES FULL SIZE VERSION ONLY		
JOB NUMBER SLB0558		



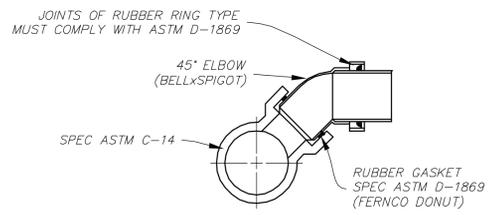
A TYPICAL 4" CLEANOUT DETAIL
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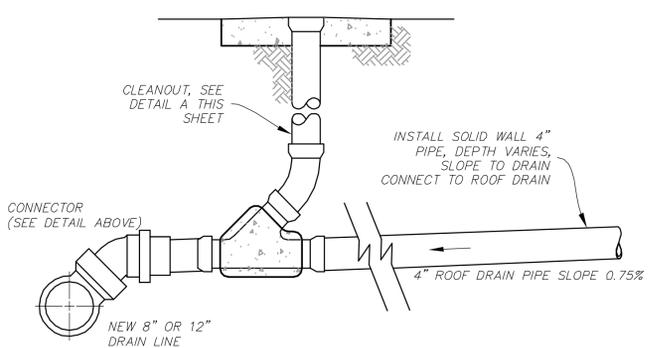
B PERFORATED PIPE TRENCH DETAIL
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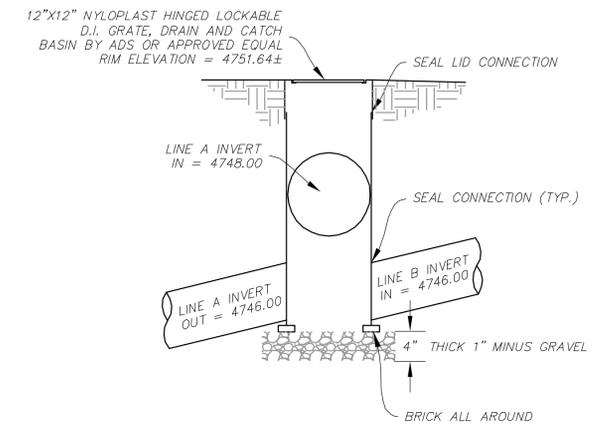
C SOLID WALL PIPE TRENCH DETAIL
 SCALE: N.T.S.



CONNECTOR DETAIL



D TYPICAL ROOF DRAIN CONNECTION
 SCALE: N.T.S.



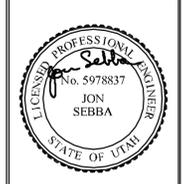
F CATCH BASIN DETAIL
 SCALE: N.T.S.

FOR CONSTRUCTION

NO.	DATE	BY	REVISIONS

DFCM
UTAH ADULT DEVELOPMENT CENTER: RAIN TREE RESIDENCE
DETAILS

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 6317 SOUTH STATE STREET, SUITE 300
 801743-8800 TEL. 801743-0300 FAX

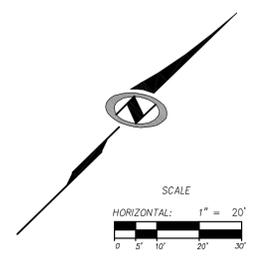
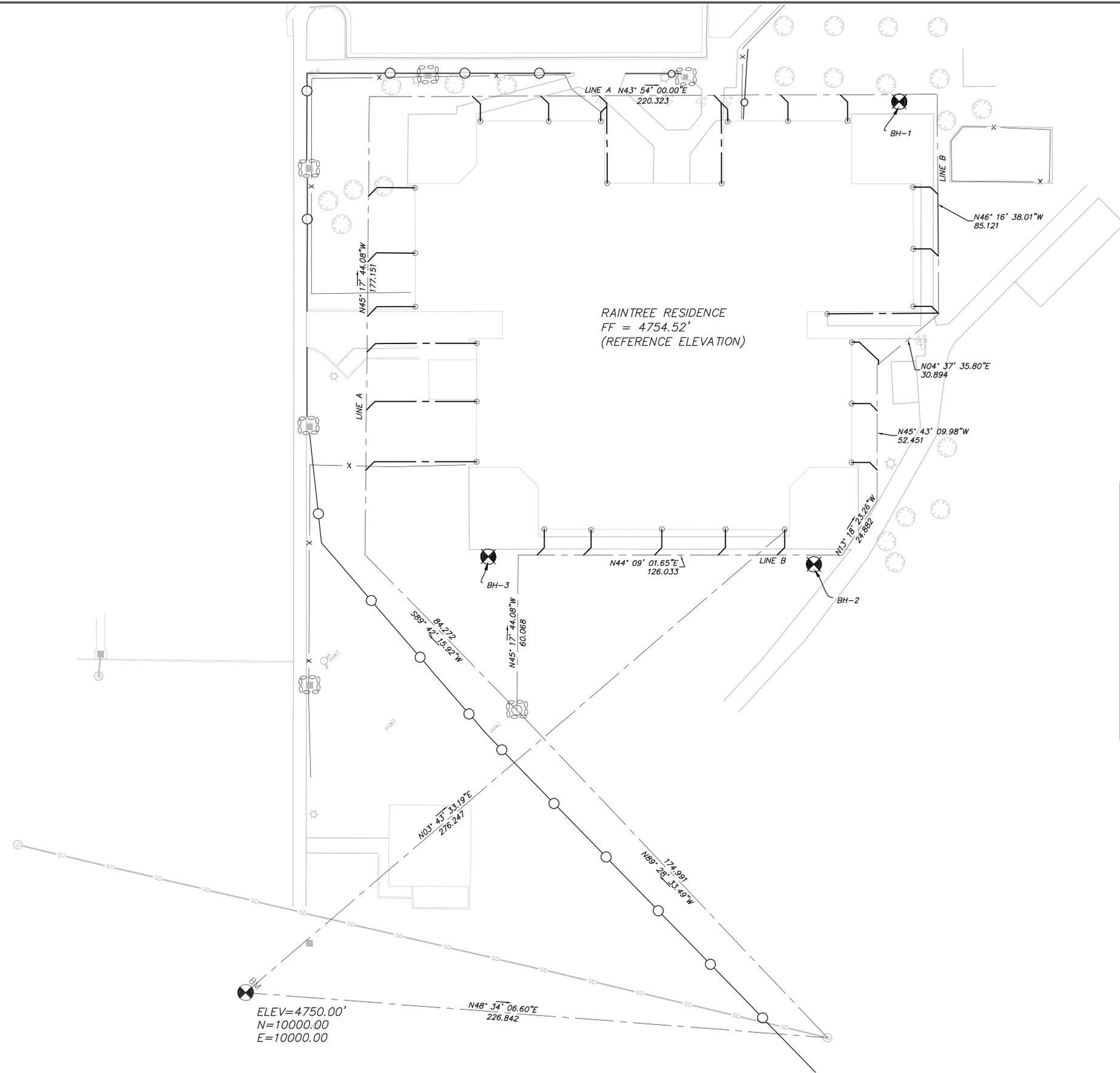


SHEET NUMBER
5
 OF 6 SHEETS
 SCALE
 VERTICAL: 1" = 4'
 HORIZONTAL: 1" = 4'
 JOB NUMBER
SLB0558

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.
CAUTION

DATE SUBMITTED: SEPT. 2009

PREPARED FOR: DFCM



LEGEND

- BORE HOLE LOCATIONS
- EXISTING ROOF DRAIN LOCATIONS
- NEW PVC PIPE
- EXISTING FENCE
- EXISTING LIGHT POLE
- INSTALL SILT FENCE
- INSTALL FILTERSOXX OR EQUIVALENT AROUND STORM DRAIN INLETS.

FOR CONSTRUCTION



NO.	BY	DATE	REVISIONS

DFCM
 UTAH ADULT DEVELOPMENT CENTER: RAIN TREE RESIDENCE
 HORIZONTAL CONTROL & EROSION CONTROL PLAN
 PREPARED FOR: DFCM
 DATE SUBMITTED: SEPT. 2009

NOTICE
 BEYOND ENGINEERING
 MURRAY UT 84007
 WWW.NOLTECOM
 6217 SOUTH STATE STREET, SUITE 300
 801743.8000 TEL. 801743.0300 FAX

SHEET NUMBER
6
 OF 6 SHEETS
 SCALE
 VERTICAL: 1" = 8'
 HORIZONTAL: 1" = 20'
 FULL SIZE VERSION ONLY
 JOB NUMBER
SLB0558

The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to these plans must be in writing and must be approved by the preparer of these plans.