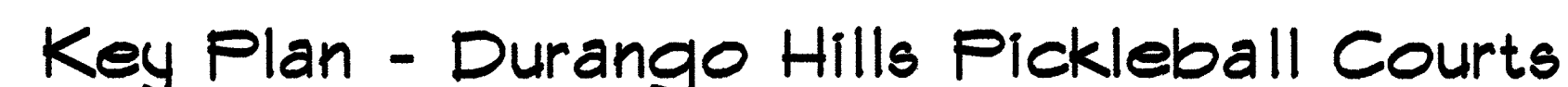
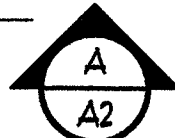


ABBREVIATIONS

A	And	LAB.	Laboratory
AI	At	LAV.	Lavatory
C	Centerline	LKR	Locker
D	Diameter or Round	LT.	Light
F	Found or Number		
ACQU.	Acquainted	MAX.	Maximum
AD.	Area Drain	MC.	Mechanics Cabinet
ADJ.	Adjustable	MECH.	Mechanical
AFH.	Above Finish Floor	MEB.	Membrane
AGGR.	Aggregate		Metal
AL/ALUM.	Aluminum	MFR.	Manufacturer
APPROX.	Approximate	MH.	Manhole
ARCH.	Architectural	MN.	Minimum
ASPH.	Asphalt	MIR.	Mirror
AV.	Audio/Visual	MISC.	Miscellaneous
		MO.	Masonry Opening
BD.	Board	MTD.	Mounted
BITUM.	Bituminous	MULL.	Mullion
BLDG.	Building		
BLK.	Block	N.	North
BLKG.	Blocking	N.C.	Not in Contract
BM.	Beam	N.	Number
B.O.	Bottom of	NOH.	Nonmetal
B.O.O.	Bottom of Opening	N.T.S.	Not To Scale
CAB.	Cabinet	O.A.	Over All
C.B.	Catch Basin	OBS.	Observe
CEM.	Cement	O.C.	On Center
CER.	Ceramic	O.C.D.	Outside Diameter
C.I.	Cast Iron	O.F.C.I.	Owner Furnish
C.G.	Ceiling	O.F.O.I.	Owner Furnish
C.G.	Caulking		Contractor Install
CLO.	Closet		Owner Furnish
CLR.	Clear	OFF.	Office
COL.	Column	OPNG.	Opening
CONC.	Concrete	OPP.	Opposite
CONN.	Connection		
C.F.C.I.	Contractor Furnished	P.C.	Point of Curve
CONSTR.	Contractor Installed	PRECAST.	Pre-cast
	Contractor Furnished		Flute
	Owner Installed	PLAM.	Plastic Laminates
C.G.	Corner Guard	PLAS.	Plaster
	Construction	PLYUD.	Plywood
CONT.	Continuous	PLY.	PLY
CORR.	Corridor	P.T.	Point of Tangency
CORRUG.	Corrugated	P.T.D.	Paper Towel Dispenser
CPT.	Carpet	P.T.D./R.	Paper Towel Dispenser
C.R.K.	Cricket Rail & Cold-Rolled		and Receptacle
CTSK.	Countersunk	PTN.	Partition
CNTR.	Counter	P.T.R.	Paper Towel Receptacle
CTR.	Center		
CT.	Ceramic Tile	Q.T.	Quarry Tile
DBL.	Double	R.	Riser
DEPT.	Department	R.A.D.	Radius
DET./DIT.	Drinking Fountain	R.D.	Roof Drain
DIA.	Diameter	REF.	Reference
DIT.	Detail	REFR.	Refrigerator
DISP.	Dispenser	RGRTR.	Refrigerator
DN.	Down	REINF.	Reinforced
D.O.	Door Opening	REQ.	Required
D.O.	Door	RESIL.	Resilient
D.S.	Downspout	RH.	Roof
D.S.P.	Dry Standpipe	R.O.	Rough Opening
DUG.	Draining	RUD.	Redwood
DUR.	Durable	RULL.	Rain Water Leader
E.	East	S.	South
EA.	Each	S.C.	Solid Core
EJ.	Expansion Joint	S.C.D.	Seal Cover Dispenser
EL.	Elevation	SCHED.	Schedule
ELEC.	Electrical	S.D.	Storm Drain
EMER.	Emergency	SECT.	Section
ENC.	Enclosure	SH.	Sheet
EP.	Electrical Panel	SHR.	Shower
EPDM.	Single Ply Roof Membrane	SHT.	Sheet
EQ.	Equal	STRUCT.	Structural
EQUIP.	Equipment	SH.	Similar
EUC.	Electric Water Cooler	SND.	Semirigid Napkin Dispenser
EXST.	Existing	SPEC.	Specification
EXPO.	Exposed	SQ.	Square
EXT.	Exterior	SST.	Stainless Steel
		S/SK.	Service Sink
FA.	Fire Alarm	STA.	Station
FB.	Flat Bar	STD.	Standard
FD.	Floor Drain	STL.	Steel
FO.	Foundation	STOR.	Storage
FE.	Fire Extinguisher	STR.	Structural
FEC.	Fire Extinguisher Cabinet	SUSP.	Suspended
FF.	Finish Floor	SYM.	Symmetrical
FH.	Fire Hydrant		
FHC.	Fire Hose Cabinet	TRD.	Tread
FIN.	Finish	TB.	Towel Bar
FLR.	Floor	TEL.	Telephone
FLASH.	Flashing	T.E.R.	Tongue and Groove
FLR.	Fluorescent	T & G	Thick
F.O.C.	Face of Concrete	THK.	Thick
F.O.F.	Face of Finish	T.O.C.	Top of Concrete
F.O.S.	Face of Studs	T.O.P.	Top of Parapet
F.P.	Fireproof	T.O.S.	Top of Slab
FS.	Finished Surface	T.O.U.	Top of Wall
FT.	Fast or Foot	T.P.D.	Top of Paper Dispenser
FIS.	Footing	T.S.	Top of Structural Slab
FUT.	Future	TV.	Television
		TYP.	Typical
GA.	Gauge	UNFIN.	Unfinished
GALV.	Galvanized	UNO.	Unless Noted Otherwise
GB.	Grid Bar	UR.	Urinal
G.	Glass		
GND.	Ground	VAR.	Varies
GR.	Grade	V.C.G.	Vinyl Corner Guard
GYP.	Gypsum	VERT.	Vertical
		VEST.	Vestibule
		V.R.	Vapor Retarder
H.B.	Hose Bibb	V.T.	Vinyl Tile
H.C.	Hollow Core	W.	With
HDUD.	Hardwood	W.	With
HQUE.	Hardware	WC.	Water Closet
H.M.	Hollow Metal	W.	Wood
HORIZ.	Horizontal	W.L.	Water Line
H.	Hour	W.O.	Where Occurs
HGT.	Height	W.	Without
		WR.	Waterproof
ID.	Inside Diameter	WR.	Water-resistant
INBL.	Insulation	WST.</	

- ## General Notes



- | | |
|---|-------------------------------|
|  | SHEET NOTE |
|  | ROOM NUMBER |
|  | DATUM REFERENCE |
|  | WALL TYPE INDICATOR |
|  | WINDOW TYPE INDICATOR |
|  | REVISION |
|  | INTERIOR / EXTERIOR ELEVATION |
|  | DETAIL INDICATOR |
|  | BUILDING SECTION |

1. CODE YEAR
BUILDING CODE EDITION : 2012 I.B.C. WITH ORD. 6350.
ELECTRICAL CODE EDITION 2011 N.E.C. WITH ORD. 6356.
SOUTHERN NEVADA BUILDING
CODE AMENDMENTS: 2012 I.B.C.
CITY OF LAS VEGAS ADMIN CODE WITH ORD. 6349
ACCESSIBILITY BY ICC/ANSI A117.1 2009 STANDARD.
2. OCCUPANCY CLASSIFICATION 3121 - FOR DEFERRED SUBMITTAL SHADE
STRUCTURES GROUP U.
3. TYPE OF CONSTRUCTION: V-B
4. FIRE SFRINKLERS: NO
5. FIRE ALARM: N/A
6. BLDG HEIGHT FOR RAMADA 10'-1 3/4" - ACTUAL ALLOWED 40'
7. STORIES - ACTUAL: ONE
8. AREA: 12' x 12' RAMADA = 144 SF. (2)' 9' x 8' RAMADAS = 144 SF
9. OCCUPANT LOAD: N/A
10. EXITS-TABLE 1021 - N/A
11. TABLE 601: FIRE-RESISTANCE RATING REQUIREMENTS-N/A
12. TABLE 602: FIRE-RESISTANCE RATING REQUIREMENTS -N/A
13. MAXIMUM AREA OF EXTERIOR WALL OPENINGS PER TABLE 1025-N/A
14. NON SEPARATED OCCUPANCIES-N/A
15. NON SEPARATED OR SEPARATED USES-N/A
16. MIN. ROOF CLASS VB: TABLE 1505.1-N/A
17. MINIMUM NUMBER OF PLUMBING FACILITIES - N/A

PROJECT LOCATION
Durango Hills Pickleball Courts

JUN 14 2017 DM
CITY OF LAS VEGAS
BUILDING AND SAFETY

North

Vicinity Map

Under Separate Cover

<u>Architectural</u>	
<u>A0.01</u>	Cover
<u>A0.02</u>	Index, Symbol Legend, Key Plan, Vicinity Plan, General Notes.
<u>C1.00</u>	Civil Horizontal Control
<u>C2.00</u>	Civil Grading Plan
<u>C3.01</u>	Civil Grading Section Details
<u>A0.03</u>	Overall Site Plan & Conduit Trench Plan.
<u>A1.00</u>	Enlarged Site Demolition Plan
<u>A2.00</u>	Enlarged Area Plan, Keynotes
<u>A3.00</u>	Pickleball Court Layout, Hardscape Details
<u>A3.01</u>	Enlarged Basketball Court Plan, Details
<u>A4.00</u>	Irrigation Plan and Notes
<u>A4.01</u>	Irrigation Details and Notes.
<u>S0.01</u>	General Structural Notes
<u>S1.1</u>	Pickleball Court Plan
<u>S2.1</u>	Typical Details
<u>S2.2</u>	Typical Details
<u>S3.1</u>	Foundation Details
<u>E0.01</u>	Electrical General Information
<u>E0.30</u>	Electrical Site Plan
<u>E0.31</u>	Enlarged Electrical Site Plan
<u>E4.01</u>	Electrical Details
<u>E5.01</u>	One Line Diagrams

Owner Representative: City of Las Vegas

333 NORTH RANCHO DRIVE 9TH FLOOR
LAS VEGAS, NEVADA 89106

CONTACT: PATRICK BATTE' AIA LEED AP
PHONE: 702 229-1046
FAX: 702 464-5702

Architectural: City of Las Vegas

333 NORTH RANCHO DRIVE 9TH FLOOR
LAS VEGAS, NEVADA 89106

CONTACT: PATRICK BATTE' AIA LEED AP
PHONE: 702 229-1046
FAX: 702 464-5102

Structural Engineering: ES2

3632 NORTH RANCHO DRIVE
LAS VEGAS, NV 89130

CONTACT: GREG MEYER-PRINCIPAL
PHONE: 702 616-3107

Electrical Engineering: TJK Consulting Engineers

8728 SPANISH RIDGE AVE. STE. 100
LAS VEGAS, NV 89148

CONTACT: DAVID TOMCZYK
PHONE: 702 871-3621 CELL: 702 373-7986

Project Directory

[illegible]

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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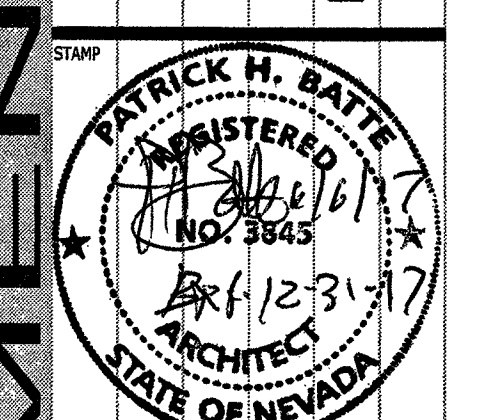
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Index of Drawings, Syringe
Las Vegas
3521 N. D
Durango Hills
Key Plan,



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 North Rancho Drive
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	phb		
FILE			

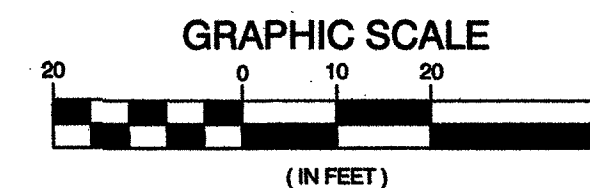
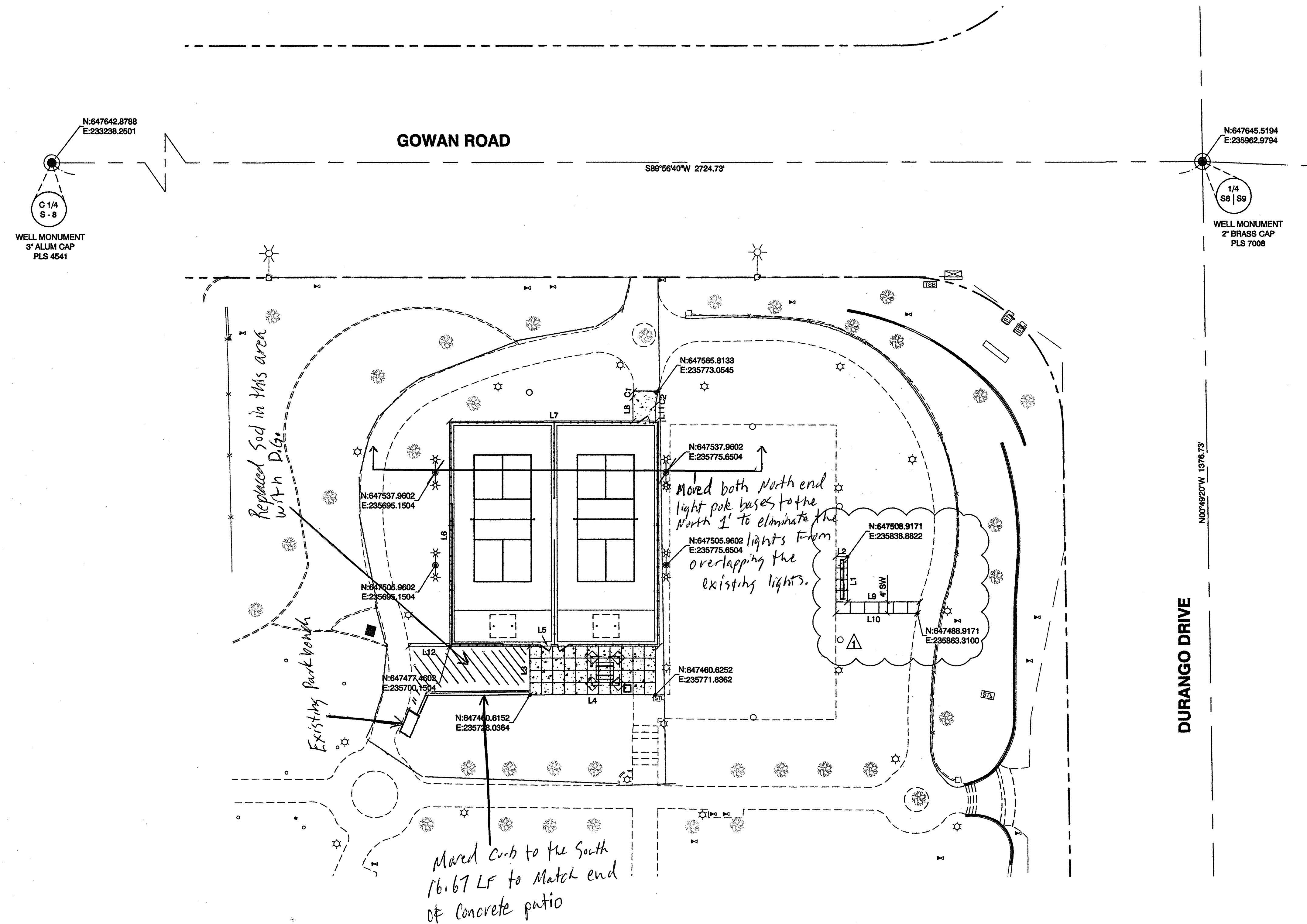
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SCALE	Noted		

BID NO	16.65764.DC
CLV DWG NO	650.66-4

HANSEN	65764
SHT NO	

A0.02

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CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2900
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-6300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-8811
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN; THE REFERENCE FRAME UTILIZED BEING NAD 83 (2011) EPOCH 2010.0.

BENCHMARK:
CITY OF LAS VEGAS BENCHMARK BLV008E4
DESCRIPTION: RIVET AND PLATE IN TOP OF CURB, NORTHWEST CORNER OF GOWAN ROAD AND DURANGO DRIVE
ELEVATION: 2424.84 FEET (NAVD88-2008 CLV ADJUSTMENT)

CURVE TABLE

CURVE	RADIUS	DELTA	LENGTH	TANGENT
C1	12.52'	10°28'28"	2.29'	1.15'
C2	57.56'	4°51'56"	4.89'	2.45'

LINE TABLE

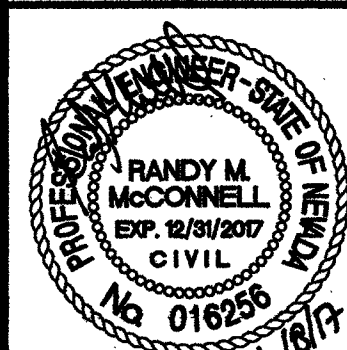
NO.	BEARING	LENGTH
L1	S0°00'00"E	16.00'
L2	N80°00'00"E	3.97'
L3	N0°00'00"E	16.84'
L4	S89°59'32"W	36.05'
L5	N90°00'00"W	73.00'
L6	N0°00'00"E	78.00'
L7	N80°00'00"E	64.07'
L8	N0°35'51"W	8.11'
L9	N80°00'00"E	29.25'
L10	N80°00'00"E	28.47'
L11	S0°33'17"E	5.57'
L12	N80°00'00"W	14.31'



PREPARED FOR
CITY OF LAS VEGAS

DURANGO HILLS PICKLEBALL COURTS

TITLE



SHEET

C1.00

DRAWING NO.
650.66-4

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

DESIGNED BY: PHB
DRAWN BY: HS
CHECKED BY: RMM

DATE: APRIL 2017
SUBMITTAL STAGE: 100% - FINAL

HORIZONTAL CONTROL

JOE

RECEIVED

JUN 12 2017 7 09 31

CITY OF LAS VEGAS

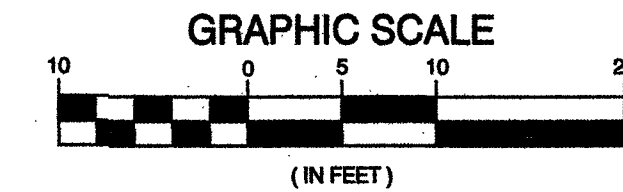
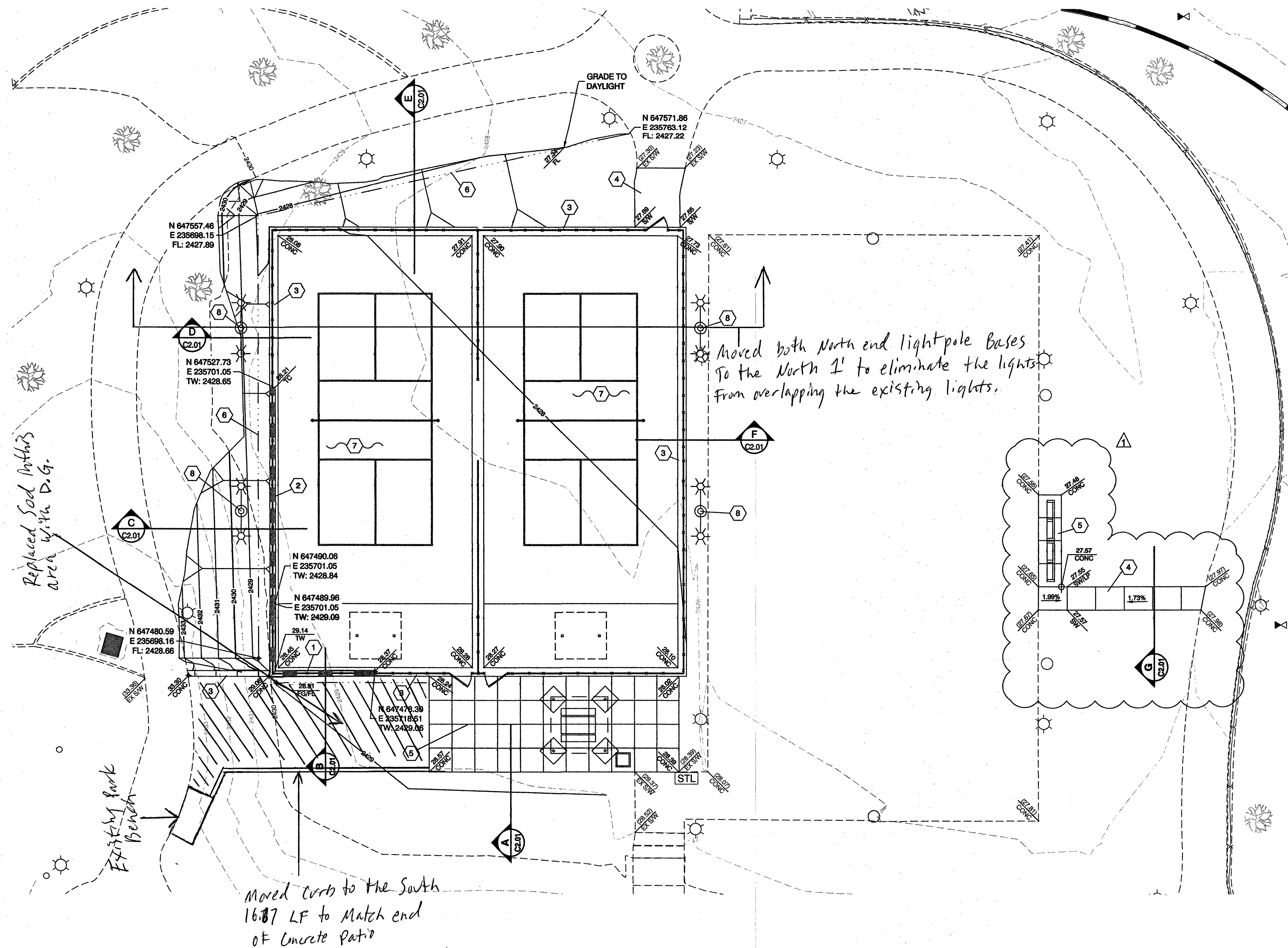
SHEET

C1.00

DRAWING NO.

650.66-4

AS BUILT



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-465-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6811
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2229

CONSTRUCTION NOTES:

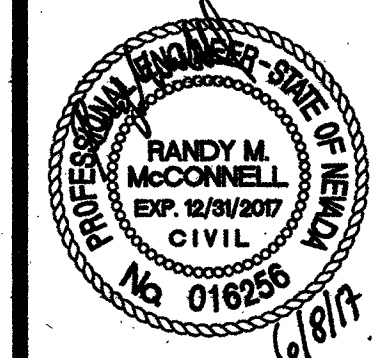
- 1 9" HIGH STEM WALL. SEE STRUCTURAL PLAN FOR DETAIL.
- 2 5" HIGH STEM WALL. SEE STRUCTURAL PLAN FOR DETAIL.
- 3 CONCRETE MOW CURB. SEE ARCHITECTURAL PLAN FOR DETAIL.
- 4 CONCRETE SIDEWALK. SEE ARCHITECTURAL PLAN FOR DETAIL.
- 5 CONCRETE AREA. SEE ARCHITECTURAL PLAN FOR DETAIL.
- 6 CONSTRUCT DRAINAGE SWALE. SEE ARCHITECTURAL PLAN FOR FINISH MATERIAL.
- 7 CONSTRUCT POST TENSION SLAB. SEE ARCHITECTURAL AND STRUCTURAL PLANS.
- 8 PROPOSED COURT LIGHTING. SEE ARCHITECTURAL, ELECTRICAL AND STRUCTURAL PLANS.

LEGEND:

- 9" HIGH STEM WALL
- 5" HIGH STEM WALL
- DRAINAGE SWALE FLOW LINE

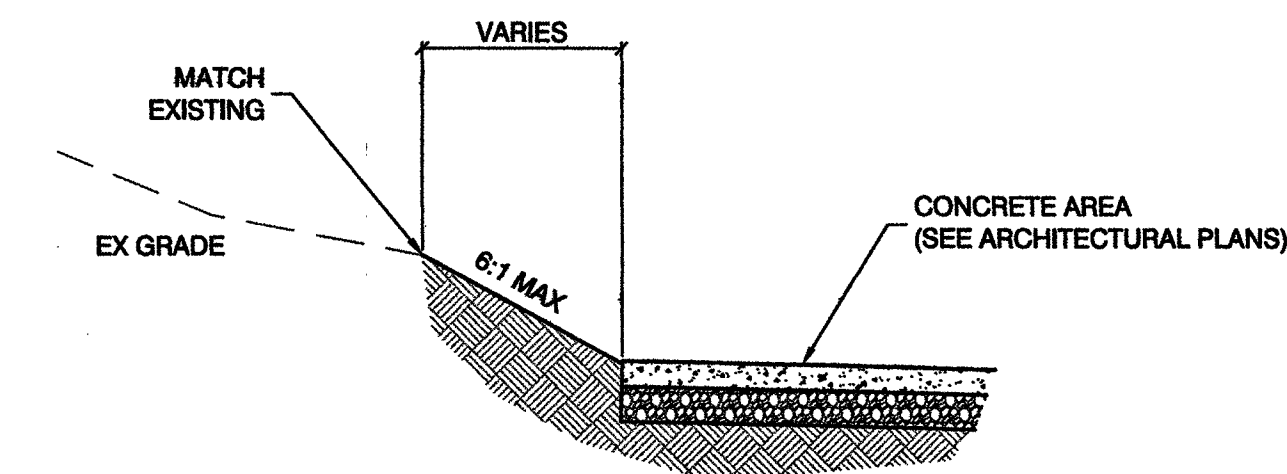
PREPARED BY	ADD 4' SIDEWALK TO ADDRESS BAS COMMENT	NO.	DATE	REVISIONS
DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT MANAGEMENT				
PREPARED FOR	CITY OF LAS VEGAS	BID#	DESIGNED BY:	PHB
		H#	DRAWN BY:	HS
		DATE: APRIL 2017	SUBMITTAL STAGE	100% - FINAL
TITLE		SHEET		
DURANGO HILLS PICKLEBALL COURTS		GRADING PLAN		
SHEET		C2.00		
DRAWING NO.		650.66-4		

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CITY OF LAS VEGAS

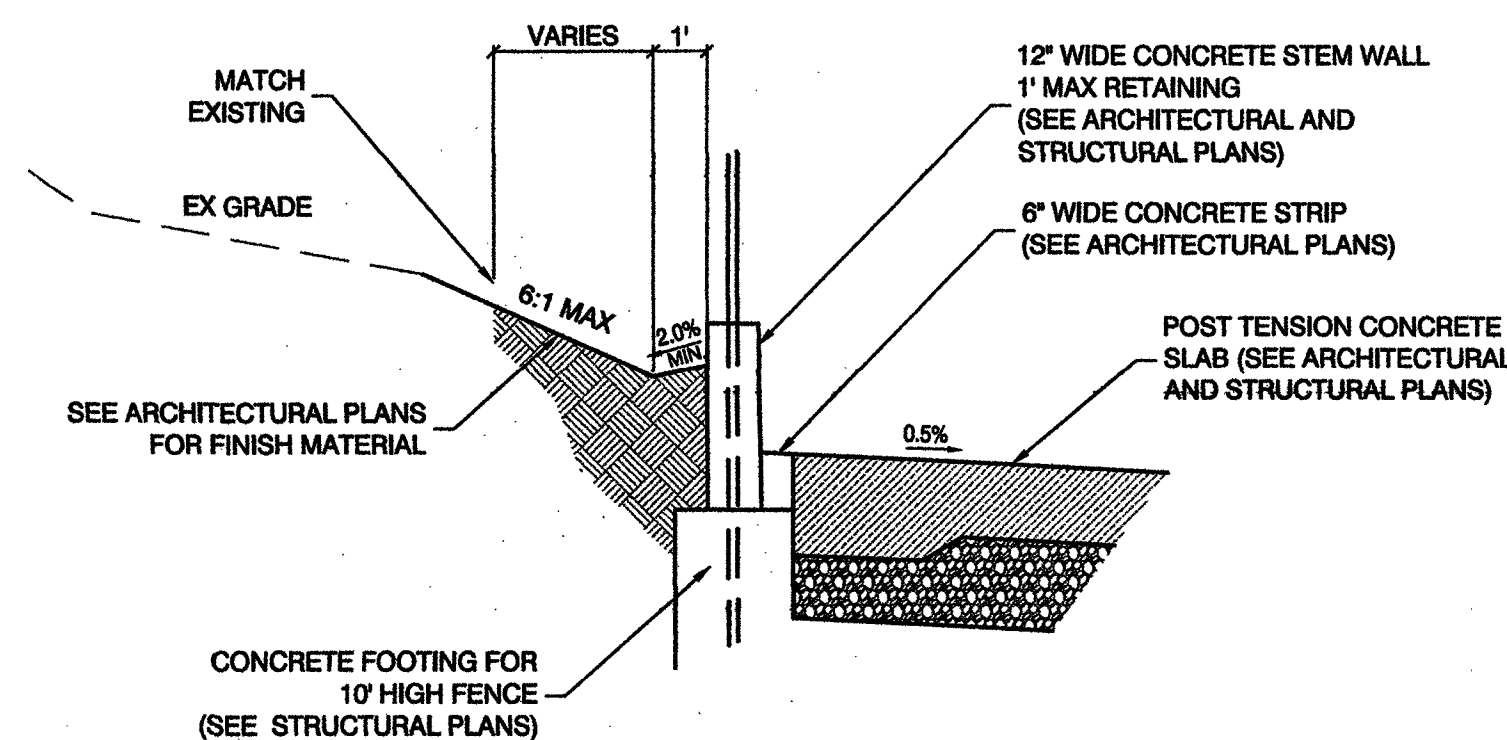


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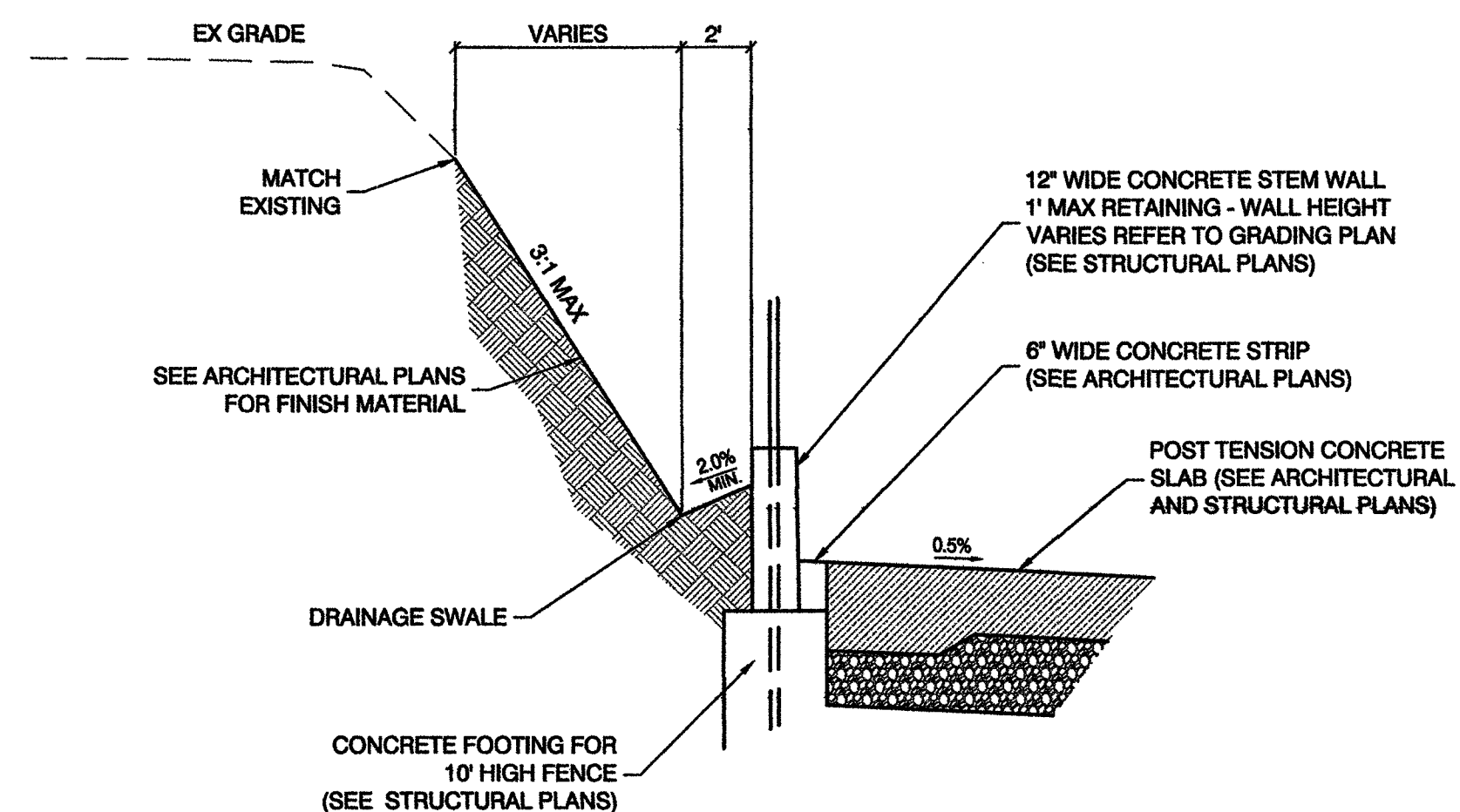
6/8/17 F:\P\W\ENG\DESIGN\65764 DURANGO HILLS PB COURTS\ENGINEERING DRAWINGS\CONSTRUCTION\H65764-CL-SR.DWG



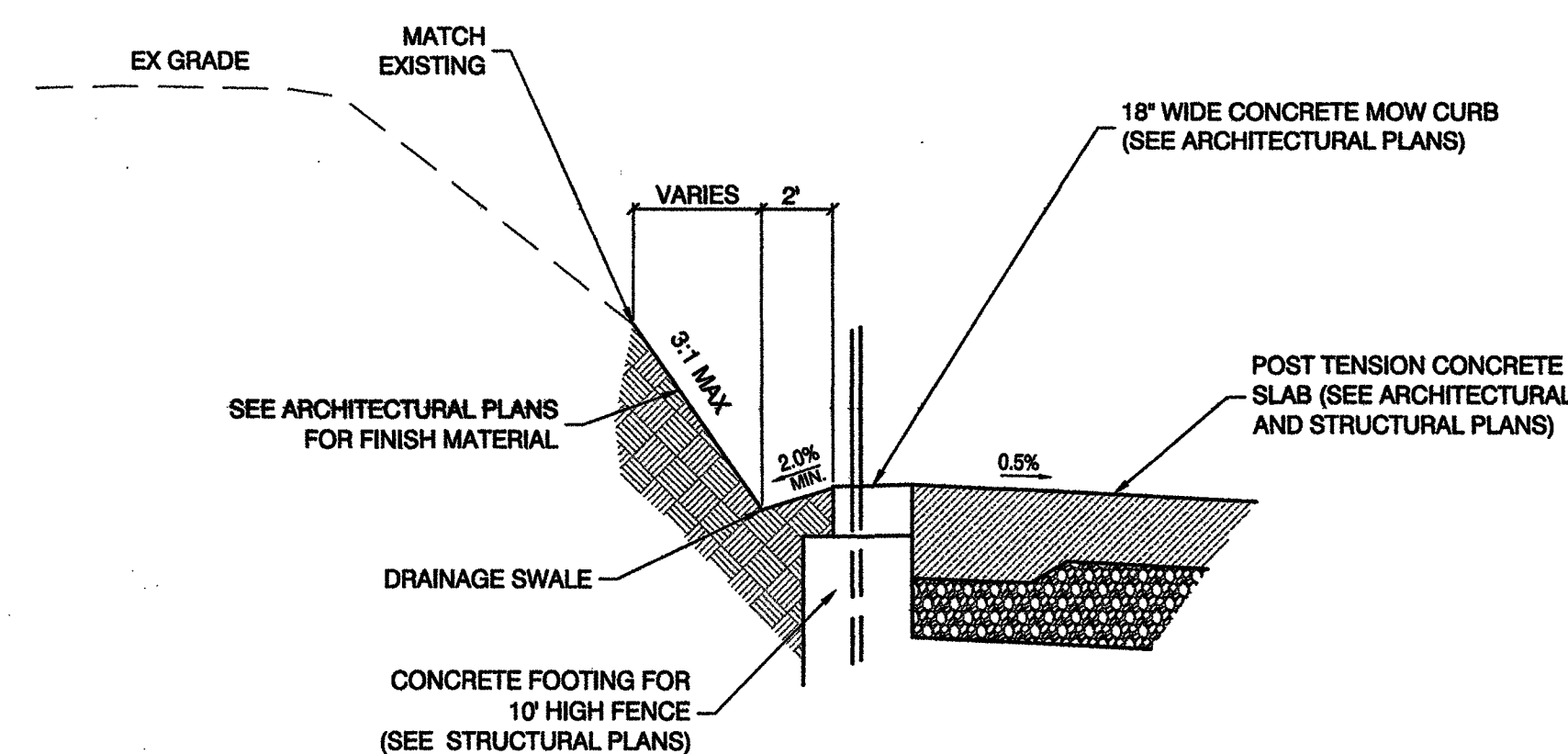
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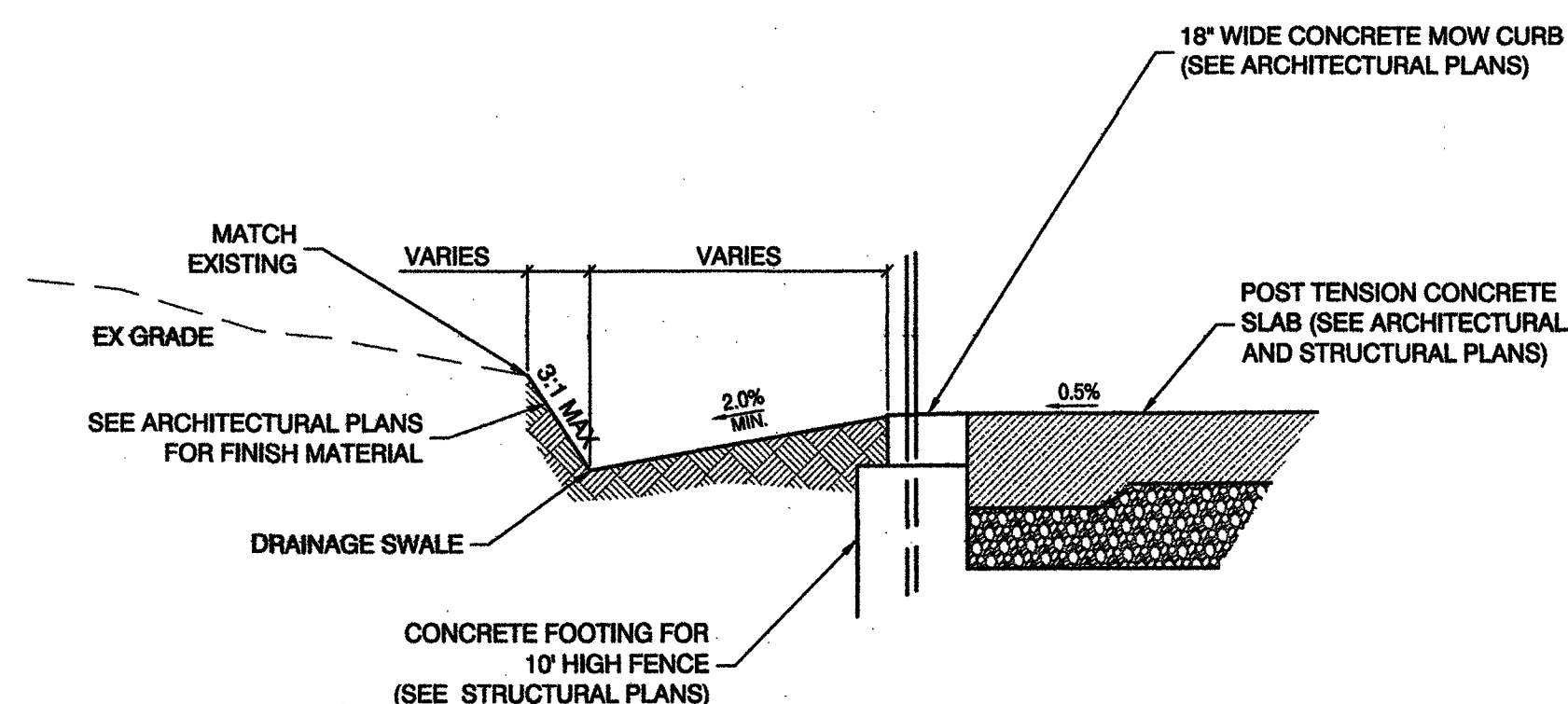
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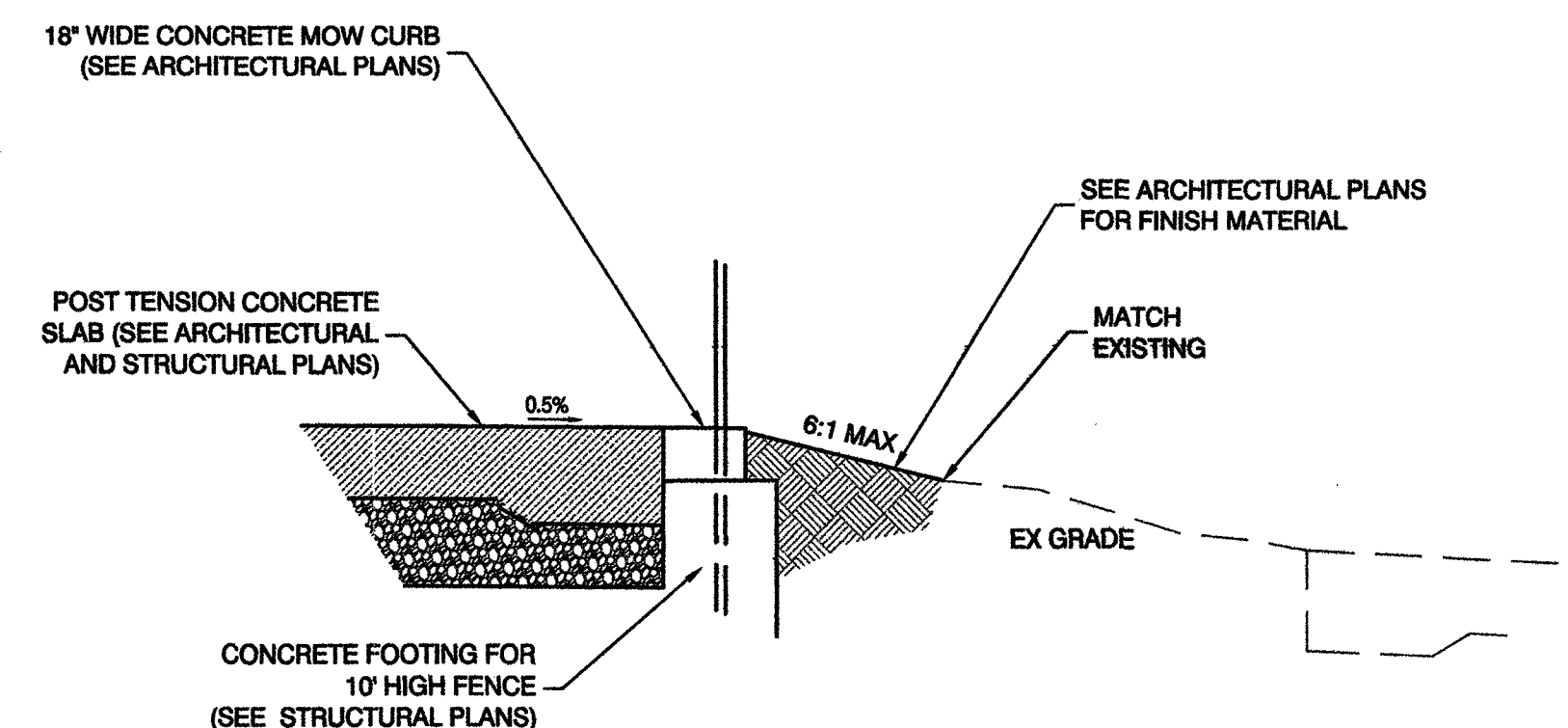
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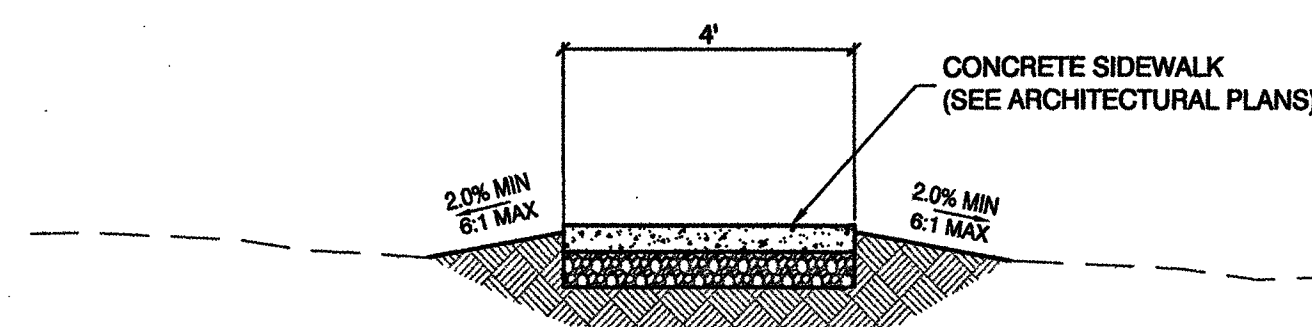
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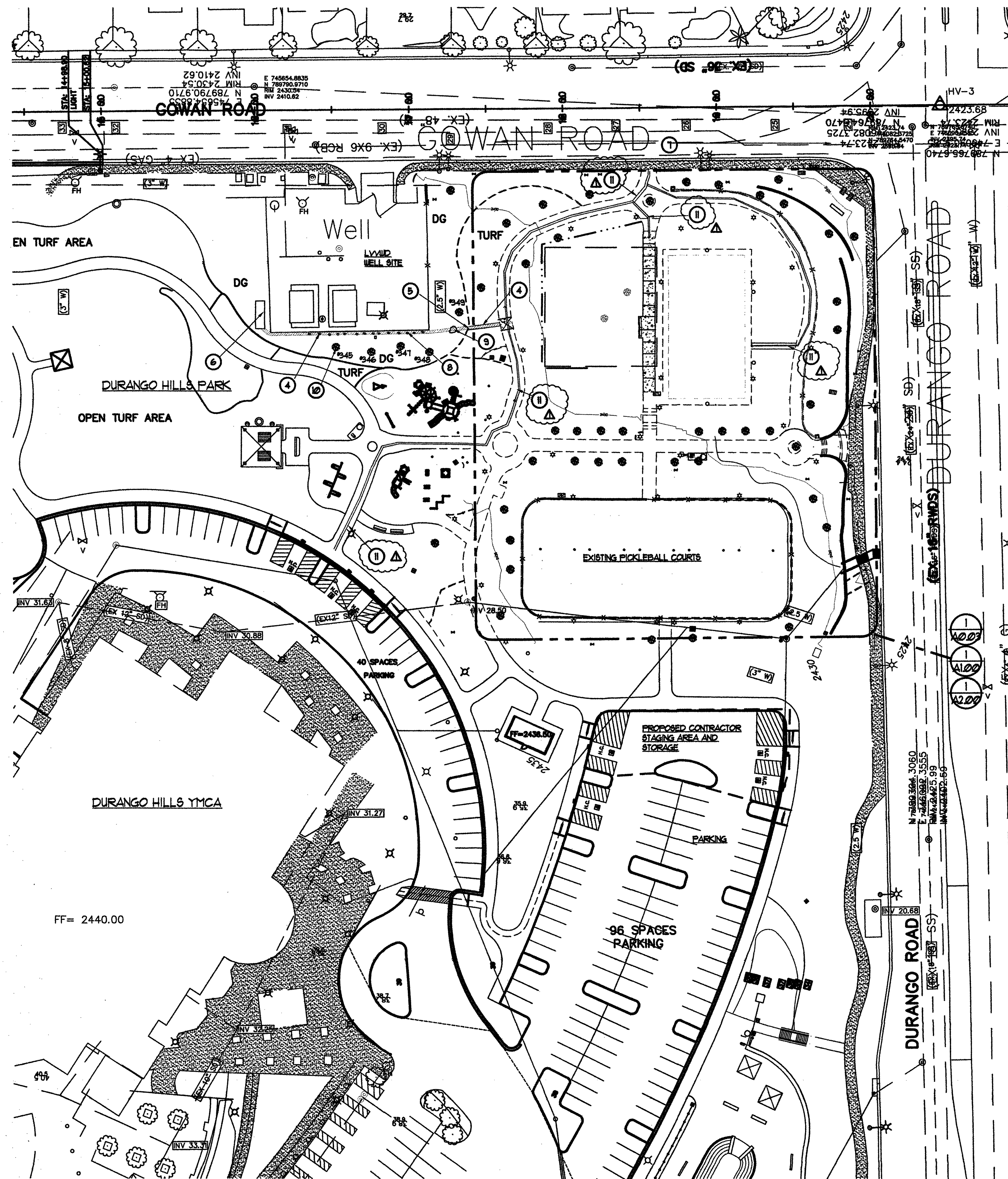
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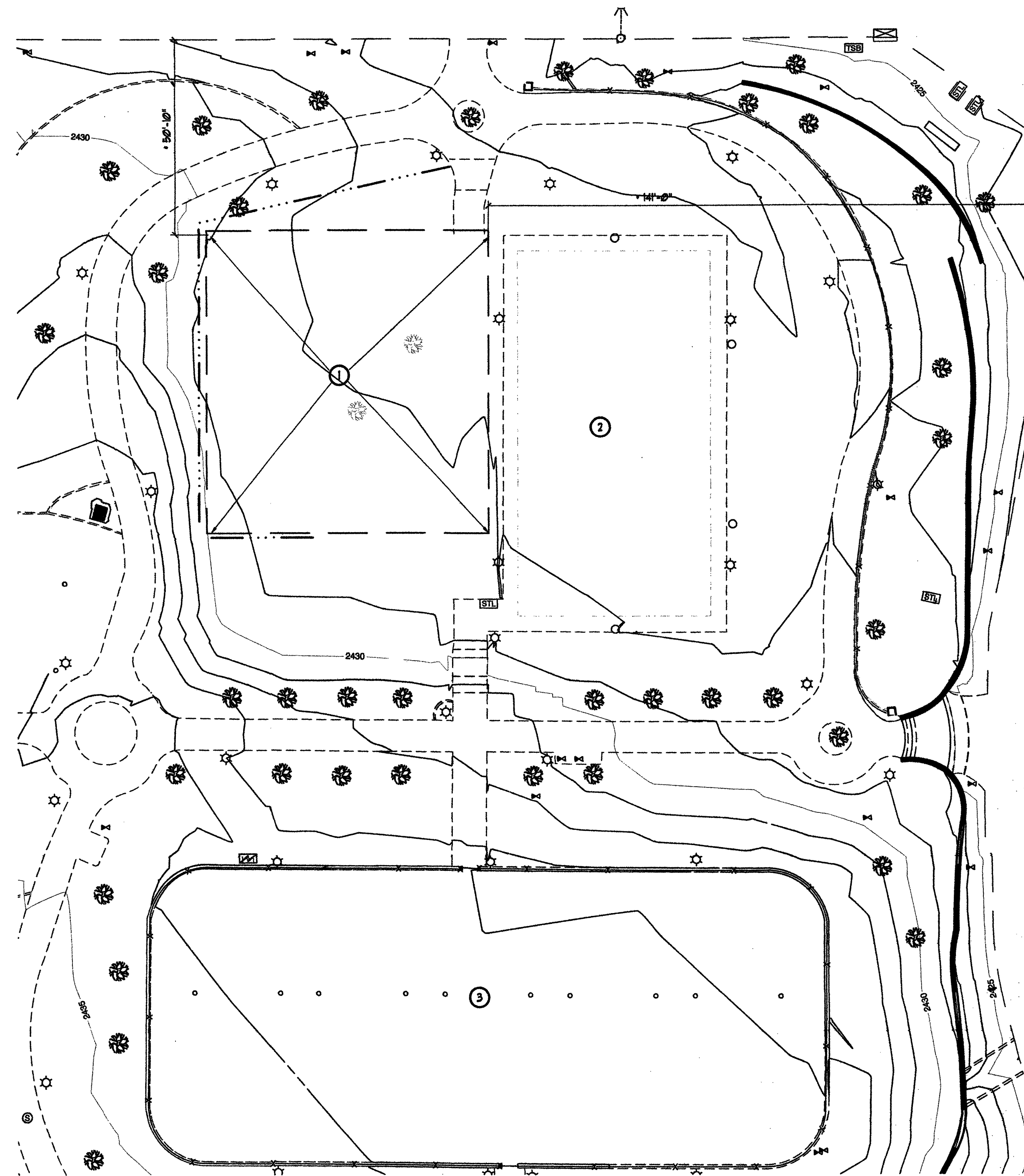
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CITY OF LAS VEGAS		DURANGO HILLS PICKLEBALL COURTS		GRADING SECTION DETAILS	
PREPARED BY: PHB		DESIGNED BY: PHB		DRAWN BY: HS	
CHECKED BY: RMM		DATE: JUNE 2017		SUBMITTAL STAGE: 100% - FINAL	
REVISIONS		NO.		DATE	
ADD / SIDEWALK TO ADDRESS SEE COMMENT		NO.		DATE	
RECEIVED		JUN 12 2017		7 0 9 3 1	
CITY OF LAS VEGAS		SHEET		C2.01	
DRAWING NO. 650.66-4		Randy M. McConnell		EXP. 12/31/2017	
CIVIL		No. 016256		6/18/17	

AS BUILT



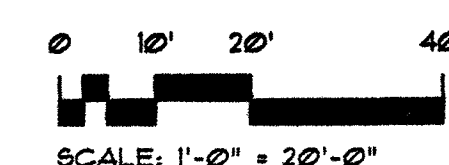
2 Overall Site Plan & Conduit Trench Plan
Scale: 1"=40'-0"



1 Enlarged Area Plan
Scale: 1"=20'-0"

Key Notes:

- 1 PROPOSED AREA FOR (2) NEW PICKLEBALL COURTS
 - 2 EXISTING BASKETBALL COURT
 - 3 EXISTING PICKLEBALL COURT AREA
 - 4 ELECTRICAL POWER CONDUIT TRENCH FROM EXISTING ELECTRICAL PANEL FOR PICKLEBALL COURT LIGHTS. CONTRACTOR DETERMINE PATH TO AVOID TREE ROOT DAMAGE AND EXISTING IRRIGATION. DAMAGED IRRIGATION TO BE REPAIRED AND REPLACED BY CONTRACTOR REFER TO ELECTRICAL FOR FURTHER INFORMATION. PATCH AND REPLACE EXISTING SOD AND DG AFTER COMPLETION OF UNDER GROUND ELECTRICAL WORK.
 - 5 EXISTING CONCRETE MOW CURB. DEMO AND REPLACE AS REQUIRED FOR ELECTRICAL CONDUIT TRENCH.
 - 6 EXISTING ELECTRICAL PANEL - POWER SOURCE FOR NEW PICKLEBALL LIGHTING. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - 7 POSSIBLE LANE CLOSURE DURING CONCRETE FOUR PICKLEBALL COURT OPERATIONS. CONTRACTOR TO VERIFY WITH CLV TRAFFIC DEPARTMENT.
 - 8 REMOVE (13) EXISTING 5 GALLON LAURUS NOBELIS SCUBS. CAP IRRIGATION.
 - 9 REPLACE EXISTING (5) GALLON LANTANA AND REPAIR IRRIGATION AFTER COMPLETION OF TRENCH WORK.
 - 10 EXISTING PINES TO BE PROTECTED BY CONTRACTOR REFER TO HORTICULTURE REPORT IN SPECIFICATIONS.
- 11 ACCESSIBLE ROUTE



REVIEWED FOR CODE COMPLIANCE

JUN 14 2017 DM
CITY OF LAS VEGAS
BUILDING AND SAFETY

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JUN 12 2017 70931
CITY OF LAS VEGAS

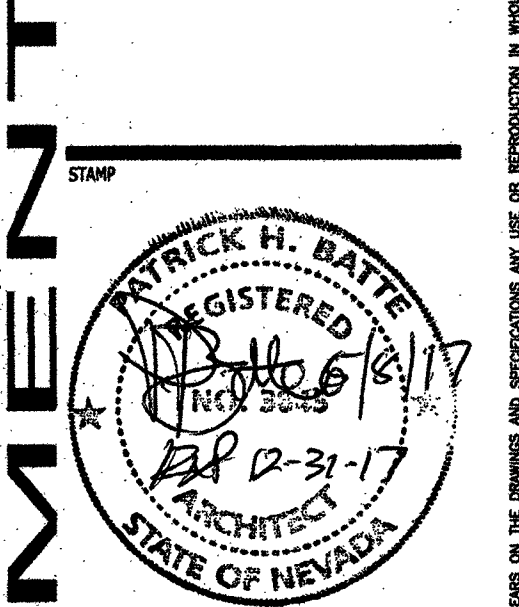
AS BUILT



REVISIONS
BLDG. DEPT 6-8-17
CONSULTANT

DEPARTMENT OF PUBLIC WORKS

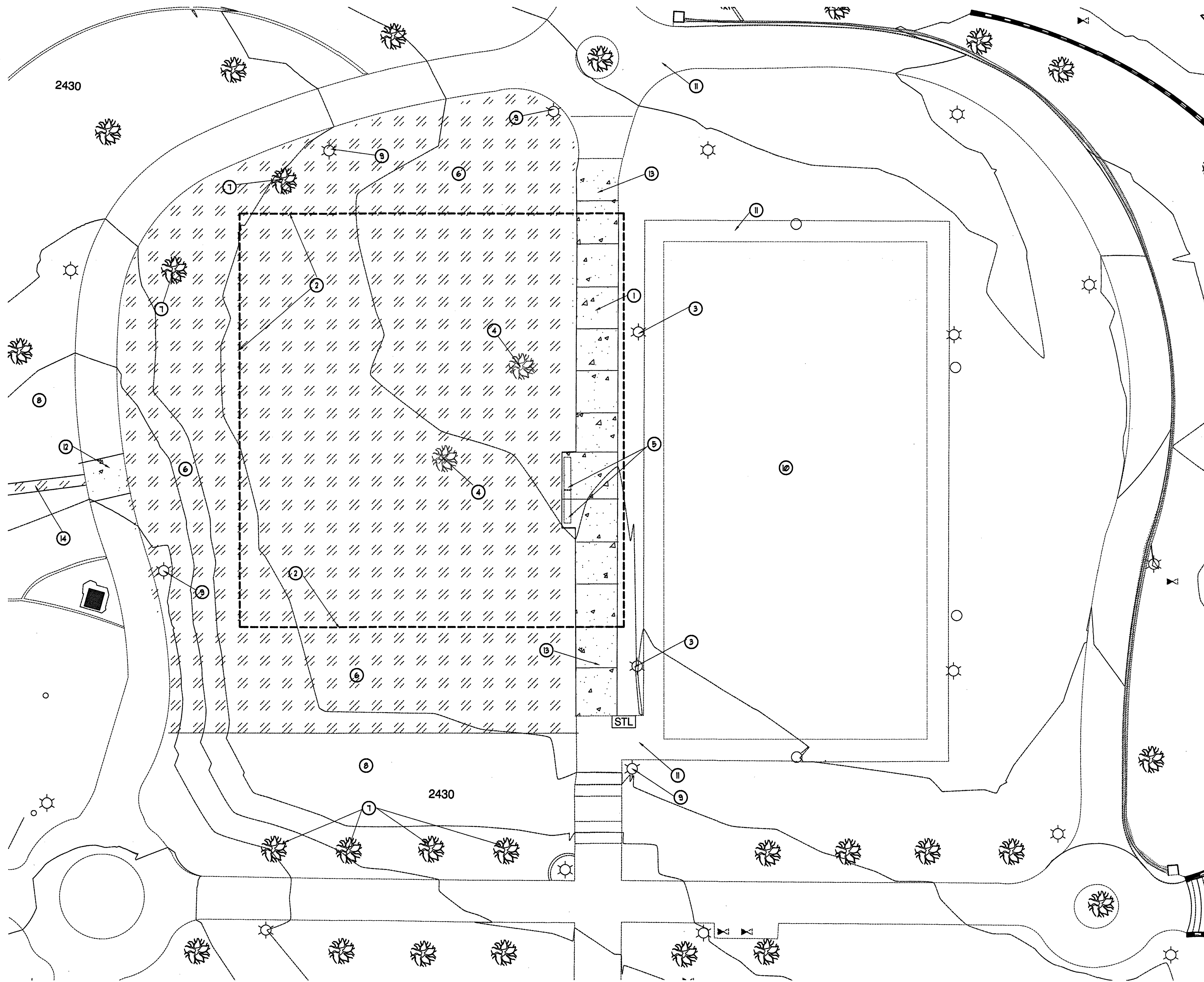
Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
Overall Site Plan & Conduit Trench Plan
Enlarged Area Plan



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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FILE:
DATE: June 2017
SCALE: Noted
BID NO: 1665164DC
CLV DWG NO: 65066-B
HANSER #: 65164
SHEET NO:

A0.03



Key Notes:

- ① REMOVE EXISTING CONCRETE WALKWAY AT EXISTING CONTROL JOINT. PREP AREA FOR NEW POST TENSIONED SLAB.
- ② DESIGNATED AREA FOR NEW CONCRETE POST TENSIONED SLAB. SEE CIVIL GRADING PLANS AND GEOTECHNICAL REPORT FOR SOIL PREPARATION.
- ③ EXISTING FIXTURE COURT LIGHT POLE AND CONCRETE BASE TO REMAIN. PROTECT IN PLACE.
- ④ REMOVE EXISTING TREE, DEBRIS, AND ROOT BALL. PREP SOIL AND BASE AS REQUIRED FOR NEW POST TENSIONED SLAB.
- ⑤ RELOCATE EXISTING CONCRETE PARK BENCH. COORDINATE WITH CLV REPRESENTATIVE. SEE 1/42/00 SITE PLAN FOR NEW LOCATION.
- ⑥ REMOVE EXISTING TURF AND PREP FOR NEW TURF OR D.G. AS INDICATED ON SITE PLANS AND LANDSCAPE PLANS.

NOTE: PRIOR TO CONTRACTOR TAKING CONTROL OF THE SITE, CLV PARKS MAINTENANCE STAFF WILL KILL ALL TURF THAT WILL BE IN NEW DECOMPOSED GRANITE AREAS OR NEW RIP RAP AREAS. CONTRACTOR TO REMOVE DEAD TURF AND ENTIRE ROOT STRUCTURE. REF. NEW LANDSCAPE PLANS.

- ⑦ EXISTING TREE TO REMAIN. REF. SPECIFICATIONS FOR PROTECTION OF TREE INFORMATION DURING ENTIRE PROJECT UNTIL OFFICIAL TURN OVER OF SITE TO CLV STAFF.
- ⑧ EXISTING TURF AREA TO REMAIN. CONTRACTOR SHALL PROTECT DURING CONSTRUCTION AND REPLACE DAMAGED OR DESTROYED TURF AS PART OF CONSTRUCTION OPERATIONS.
- ⑨ EXISTING WALKWAY LIGHT POLES AND FIXTURES TO REMAIN. PROTECT IN PLACE.
- ⑩ EXISTING POSTENSIONED BASKETBALL COURT TO REMAIN. PROTECT IN PLACE.
- ⑪ EXISTING CONCRETE WALKWAY TO REMAIN. PROTECT IN PLACE.
- ⑫ REMOVE EXISTING WALKWAY FOR ELECTRICAL CONDUIT TRENCH. PREPARE COMPACTED GRADE PER SOILS REPORT FOR NEW CONCRETE SLAB AFTER COMPLETION OF UNDERGROUND ELECTRICAL WORK. REFER TO SHEET A0203 FOR CONTINUATION AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- ⑬ REMOVE EXISTING WALKWAY AS REQUIRED TO MATCH NEW PICKLEBALL COURT. REFER TO CIVIL PLANS FOR EXTENT OF WORK. PREPARE GRADE IN ACCORDANCE WITH SOILS REPORT FOR NEW CONCRETE WALKWAY TO MATCH EXISTING.
- ⑭ ELECTRICAL CONDUIT TRENCH PATHWAY. REFER TO SHEET 2/A0203 FOR CONTINUATION.

REVIEWED FOR CODE COMPLIANCE

JUN 14 2017 DM

CITY OF LAS VEGAS
BUILDING AND SAFETY

Ground Legend

- AREA OF REMOVAL OF EXISTING CONCRETE WALKWAY SLAB
- INDICATES AREA OF EXISTING TURF REMOVAL

General Notes:

1. CONTRACTOR TO PROVIDE PROTECTION FOR EXISTING TREES TO REMAIN WHILE DEMOLISHING EXISTING EQUIPMENT, ETC. REFERENCE SPECIFICATIONS.
2. REFERENCE LANDSCAPING DRAWINGS FOR INFORMATION PERTAINING TO IRRIGATION TO REMAIN AND TO BE MODIFIED OR REMOVED.
3. FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION. COORDINATE WITH CLV REPRESENTATIVE PRIOR TO PROCEEDING WITH ANY DEMOLITION. REF. CIVIL AND ELECTRICAL DRAWINGS.
4. REFER TO SHEET A/4200 FOR IRRIGATION DEMOLITION AND REPLACEMENT.

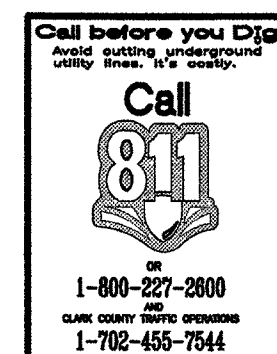
1 Enlarged Site Demolition Plan

Scale: 1"=10'-0"

0 10' 20' 40'

SCALE: 1"=10'-0"

NORTH



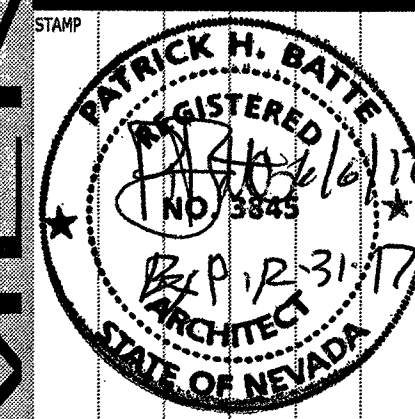
AS BUILT



REVISIONS	DATE	BY	APP'D

CONSULTANT	DATE	BY	APP'D

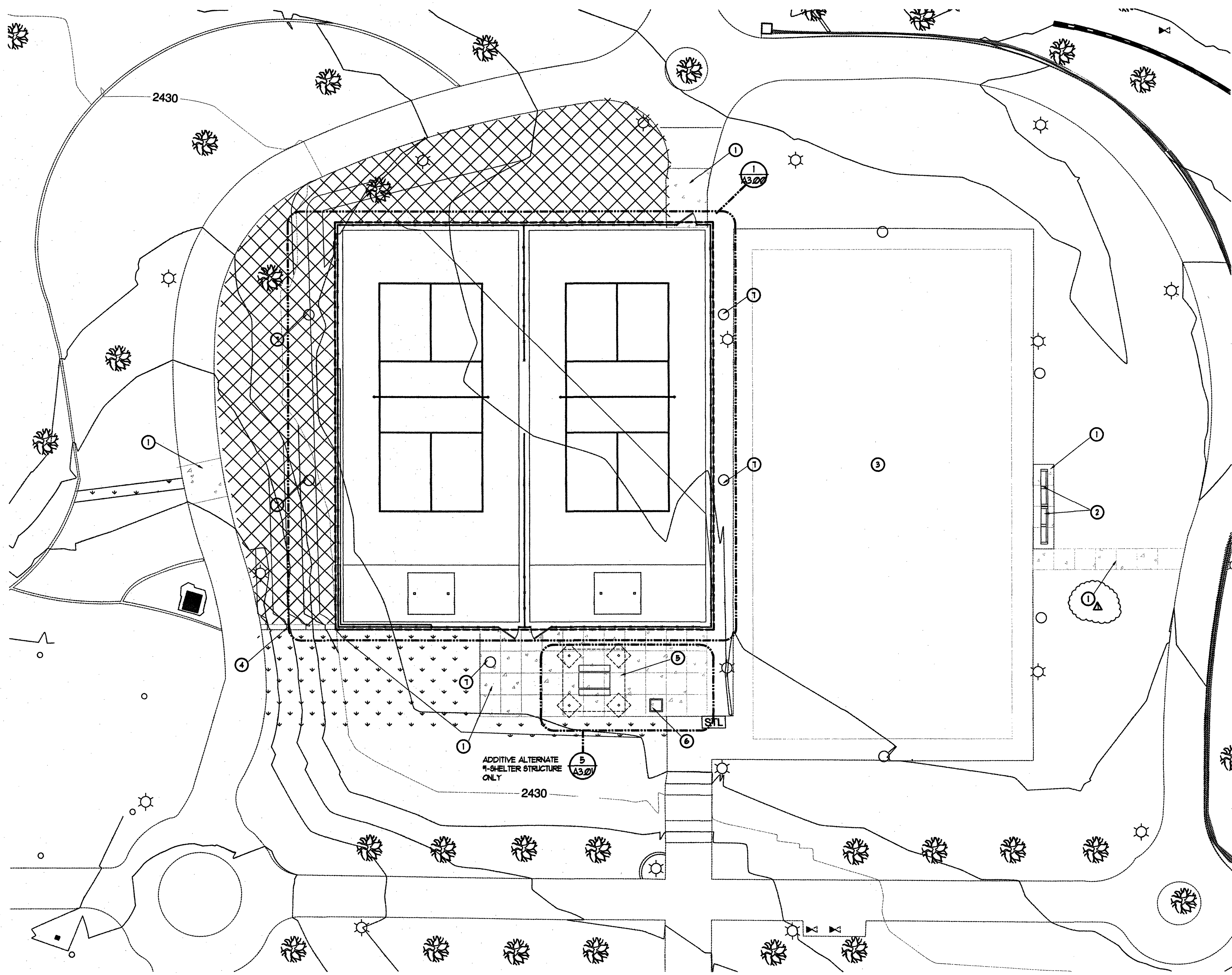
Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
Site Demolition Plan



OWNER: CITY OF LAS VEGAS
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DRAWN	phb
FILE	
DATE	June 2017
SCALE	Noted
BID NO	1665764DC
CLV DWG NO	65066-4
WASER #	65764
SIT NO	A1.00



Key Notes:

- 1 NEW 5" THICK CONCRETE WALKWAY SLAB. MATCH LEVEL OF EXISTING CONCRETE WALKWAY. REFER TO CIVIL DRAWINGS.
- 2 RELOCATED CONCRETE BENCH
- 3 EXISTING BASKETBALL COURT
- 4 NEW 12" WIDE CONCRETE MOW CURB-SEE DETAIL 4/A3.01
- 5 PRECAST CONCRETE PICNIC TABLE. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL 100788K. COLOR TO MATCH EXISTING CONCRETE BENCH AT BASKETBALL COURT.
- 6 PRECAST CONCRETE TRASH RECEPTACLE WITH CITY OF LAS VEGAS LOGO. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL 1501 WITH 45 GALLON PLASTIC LINER. COLOR TO MATCH EXISTING CONCRETE BENCH.
- 7 NEW COURT LIGHT AND CONCRETE BASE TYPICAL SEE DETAIL 8/A3.00 AND ELECTRICAL PLANS.

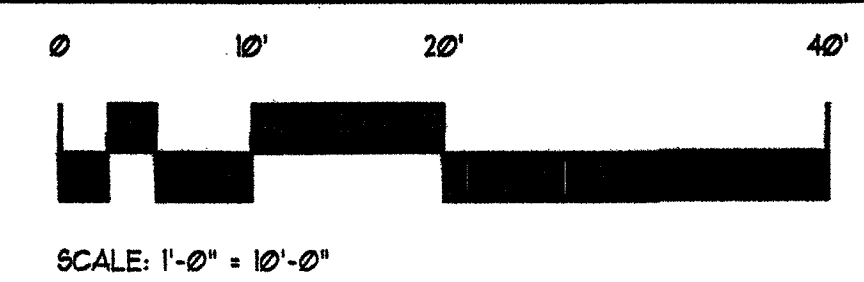
Ground Legend

- NEW 5" THICK CONCRETE WALKWAY SLAB
- DECORATIVE ROCK COLOR AND 1/2" MINUS SIZE TO MATCH EXISTING COLOR. MINIMUM 3" DEPTH.
- NEW SOODED TURF -TIFWAY T-419 OR TIF SPORTS.

General Notes:

1. CONTRACTOR TO PROVIDE PROTECTION FOR EXISTING TREES TO REMAIN, WHILE DEMOLISHING EXISTING EQUIPMENT, ETC. REFERENCE SPECIFICATIONS.
2. FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATION. COORDINATE WITH CLV REPRESENTATIVE PRIOR TO PROCEEDING WITH ANY DEMOLITION. REF. CIVIL AND ELECTRICAL DRAWINGS.
3. DECOMPOSED GRANITE -INSTALL THE MINIMUM LAYER OF DECOMPOSED GRANITE WHERE INDICATED. PROVIDE SAMPLES FOR APPROVAL PRIOR TO INSTALLATION. COMPACT SUB-GRADE TO 95% AND APPLY A PRE-EMERGENT HERBICIDE TO SOIL. AFTER PLACEMENT,RAKE SMOOTH, WET TO ENTIRE DEPTH. ALLOW TO DRY, THEN LIGHTLY SCARIFY SURFACE WITH A LEAF RAKE. APPL. A SECONDARY APPLICATION OF PRE-EMERGENT HERBICIDE TO TOP OF ROCK.

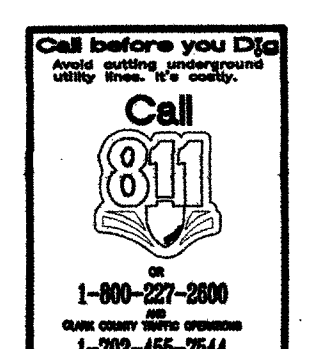
1 Enlarged Area Plan
Scale: 1"=10'-0"



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CITY OF LAS VEGAS
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JUN 12 2017 7 09 31
CITY OF LAS VEGAS

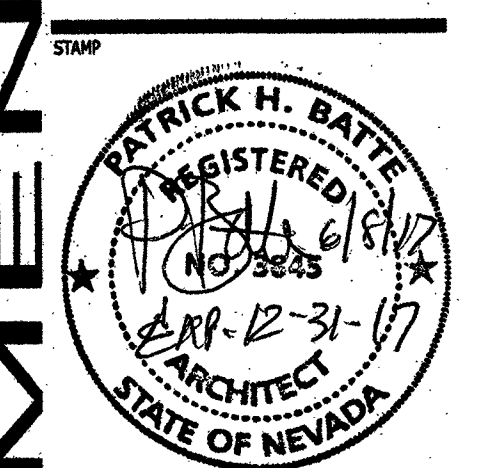


AS BUILT



REVISIONS
A BLDG. DEPT 6-8-11
CONSULTANT

Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
Enlarged Area Plan
Keynotes



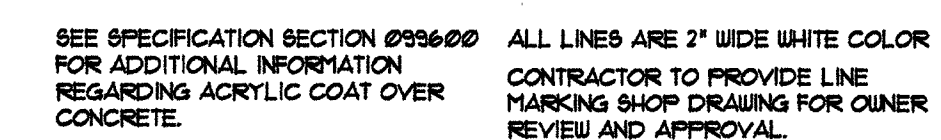
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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DRAWN: phb
FILE:
DATE: June 2011
SCALE: Noted
BID NO: 1665164.DC
CLV DWG NO: 65066-4
WASSEN #: 65164
SHT NO:

A2.00

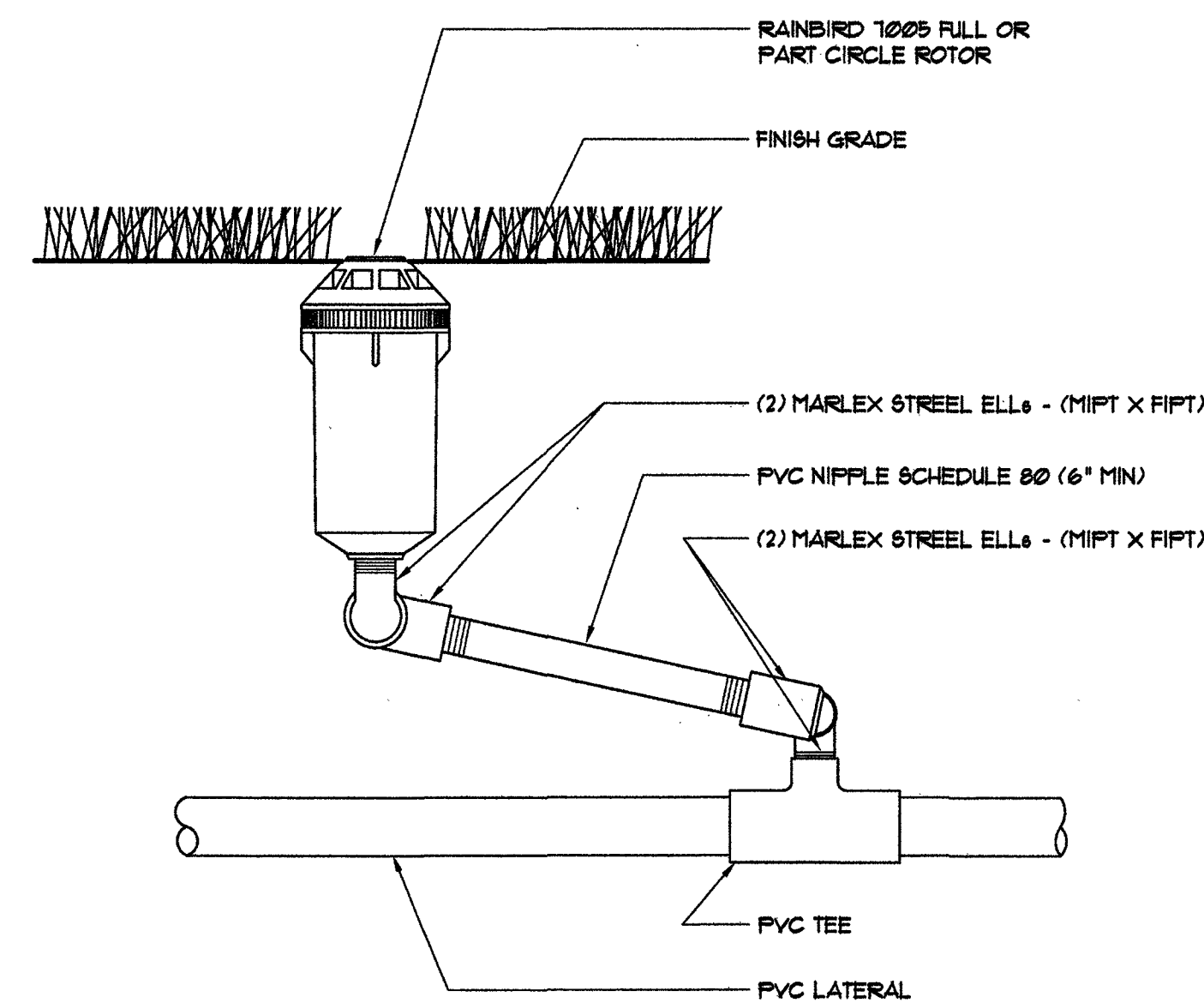
DEPARTMENT OF PUBLIC WORKS



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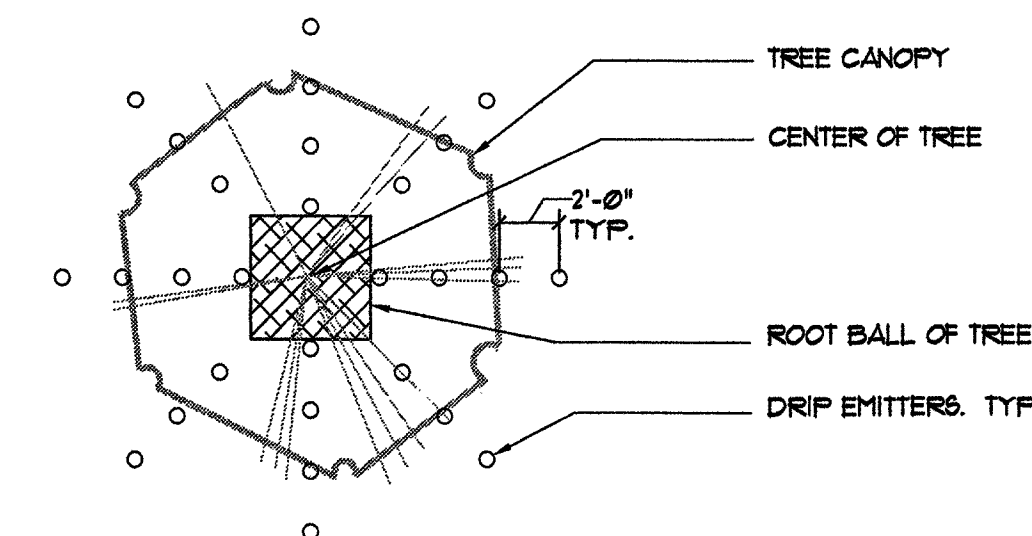


FOR REFERENCE ONLY



5 Gear Driven Rotor Head
Scale: N.T.S. 32-16

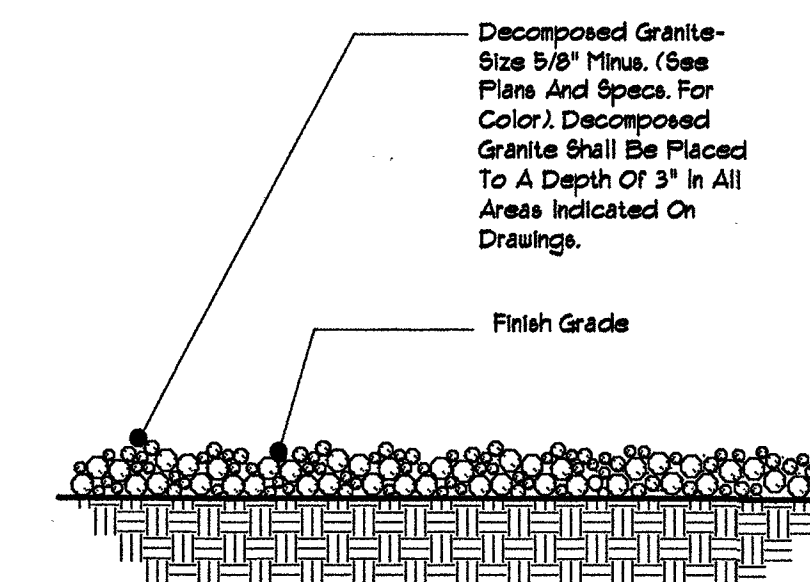
- NOTES:**
1. THIS IS A SUGGESTED EMITTER LAYOUT PLAN. ACTUAL LAYOUT MAY VARY DEPENDING ON SURROUNDING FEATURES. THE INTENT IS TO PROVIDE WATER FOR FUTURE ROOT GROWTH.
 2. ADJACENT TREES AND SHRUBS MAY SHARE THE SAME EMITTER WHERE PATTERNS OVERLAP.
 3. BEGIN PLACEMENT OF EMITTERS ADJACENT TO ROOT BALL OF THE TREE AND WORK OUTWARD IN ALL DIRECTIONS UNTIL THE REQUIRED NUMBER OF EMITTERS IS OBTAINED. WHERE LARGE TREES ARE INSTALLED IN NARROW PLANTERS REDUCE THE QUANTITY OF EMITTERS TO FIT THE SPACE. 4'-0" SQUARE PLANTERS ONLY NEED FOUR EMITTERS. KEEP ALL EMITTERS 18" FROM ANY CURB, WALK OR OTHER PLANTER EDGE AND 36" FROM ANY BUILDING OR STRUCTURE.



TREE SIZE / EMITTER QUANTITIES

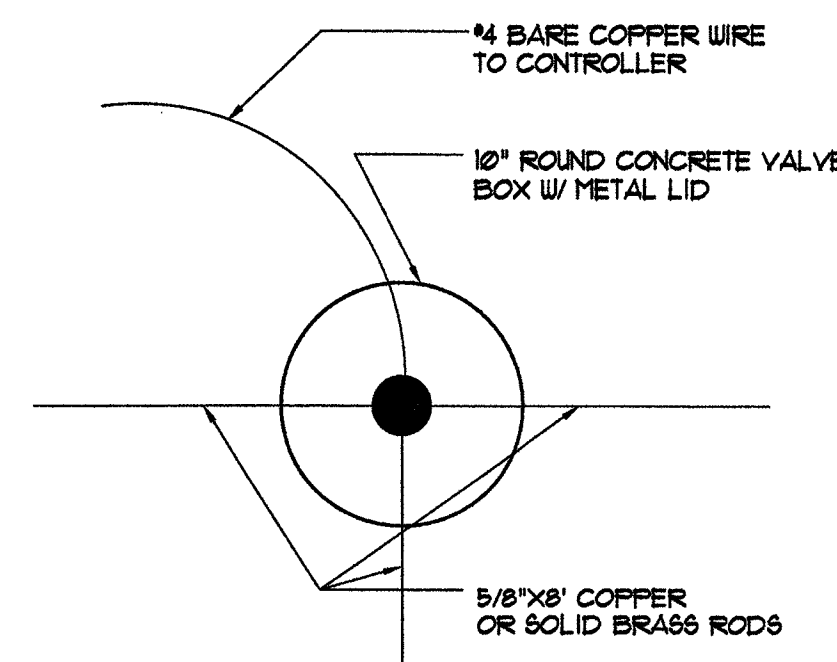
TREE SIZE	QUANTITY
24" BOX	10

3 Emitter Layout for Trees
Scale: N.T.S. 32-10



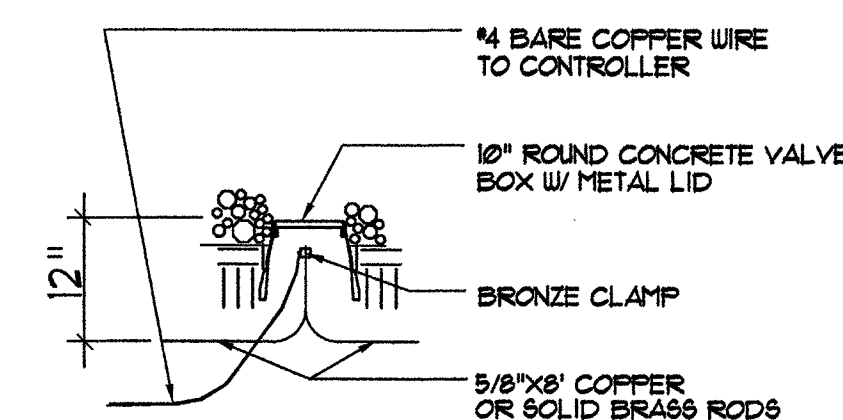
NOTE: Compact Subgrade To 85% And Apply A Preemergent Herbicide To The Soil Before Placing Granite At Required Depth. Roll With A 150lb Roller, Then Lightly Scarify Surface With A Leaf Rake. Keep Top Of Granite 1" Below Adjacent Walks, Curb Or Other Hard Surfaces.

1 Decomposed Granite
Scale: N.T.S. 32-03



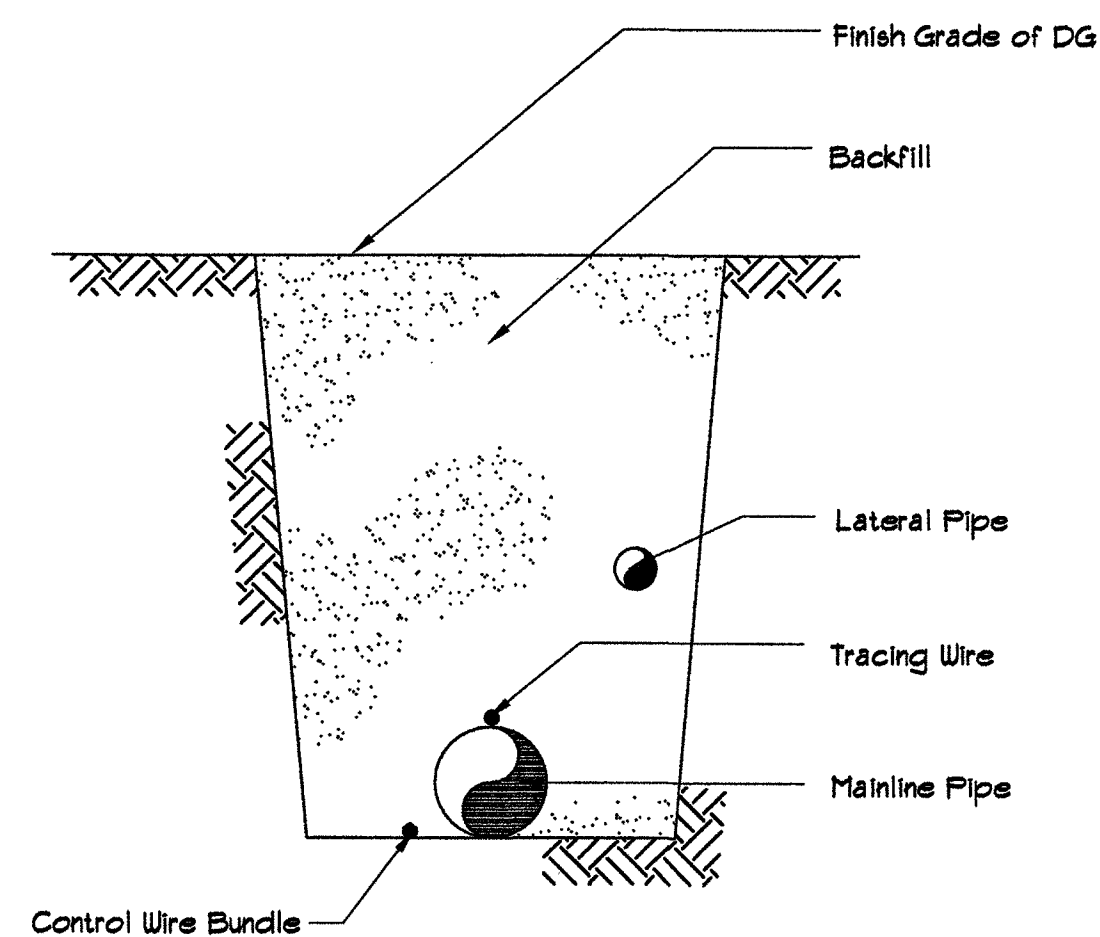
NOTE: RODS MUST BE SOLID BRASS OR COPPER

Plan View



Section

4 Controller Grounding
Scale: N.T.S. 32-15



- Note:
1. Refer to Irrigation Specifications for Coverage Depth to Buried Pipe and Wire
 2. Refer to Irrigation Specifications for Thrust Block Sizing on Mainline Piping 3" or Larger

2 Trench Detail
Scale: 3/4"=1'-0" 32-06

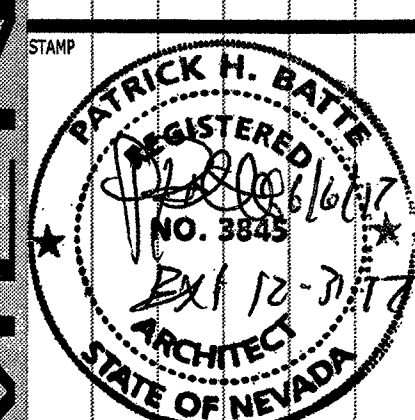


REVISIONS	DATE	BY	APP

CONSULTANT

FOR REFERENCE ONLY

Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
Irrigation Details



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

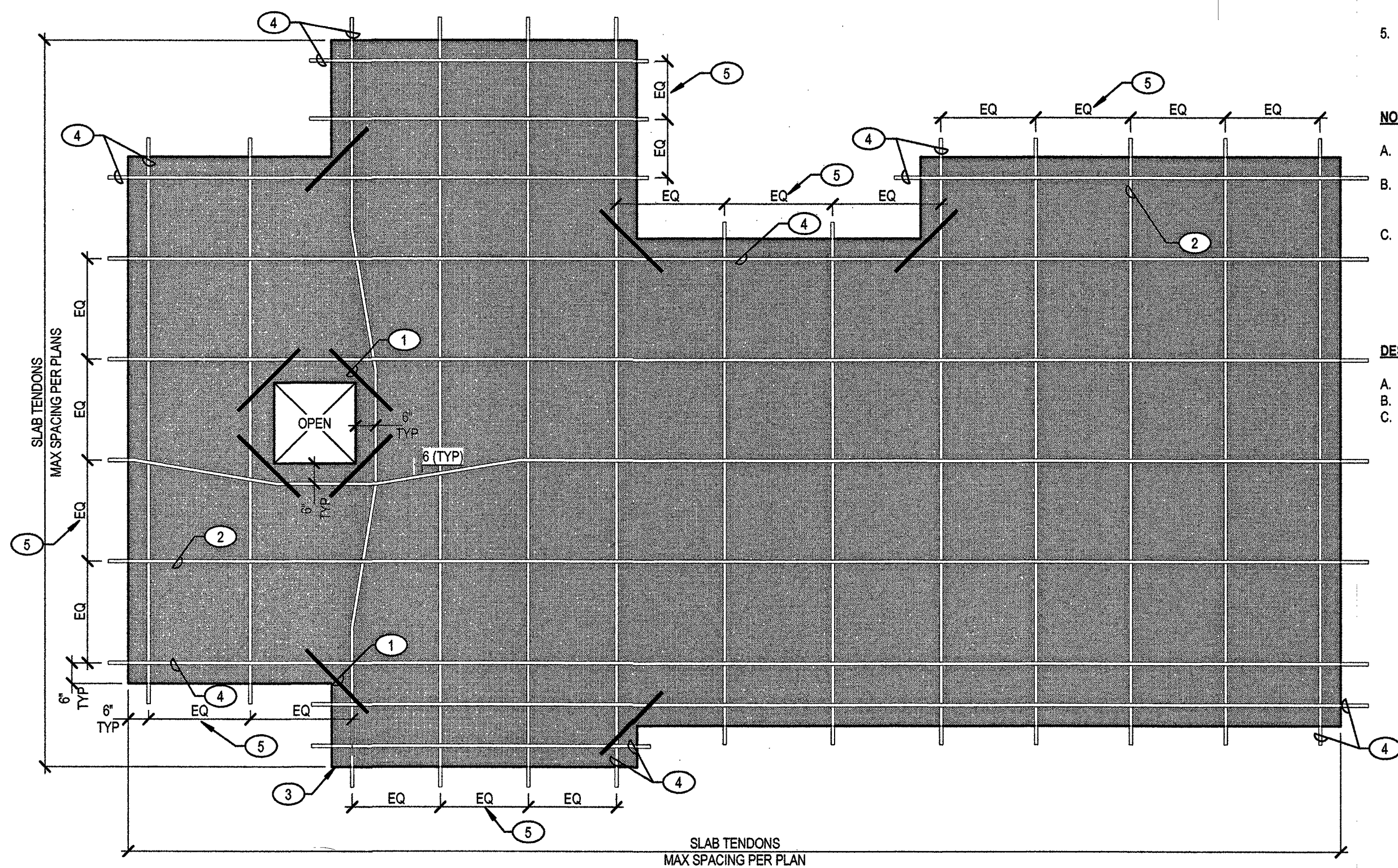
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DRAWN	ptb
FILE	
DATE	June 2011
SCALE	Noted
BID NO	1665164DC
CLV DWG NO	65066-4
HANSEN #	56923
SHT NO	

A4.01

AS BUILT

FOR REFERENCE ONLY



1 TYPICAL POST TENSION SLAB-ON-GRADE CONSTRUCTION
NO SCALE

KEYNOTES:

- #4x48" BAR CENTERED IN SLAB AT EA CORNER OF OPENING OR AT REENTRANT CORNER, TYP
- TENDONS AT MAX SPACING PER PLAN, TYP
- CONC SLAB PER PLAN. SEE PLAN FOR ACTUAL LAYOUT
- EDGE TENDON AS OCCURS. EDGE TENDONS SHALL BE PLACED 6" FROM ALL SLAB EDGES, TYP
- ALL TENDONS BETWEEN EDGE TENDONS SHALL BE EQUALLY SPACED BETWEEN EDGE TENDONS WITHOUT EXCEEDING THE MAX SPACING INDICATED ON THE PLANS

NOTES:

- ALL TENDONS 120 FT OR SHORTER ARE STRESSED FROM ONE END ONLY
- *TAKEN FROM PTI CONSTRUCTION AND MAINTENANCE MANUAL FOR POST-TENSIONED SLAB-ON-GRADE FOUNDATIONS TABLE 16.1
- **IT IS RECOMMENDED THAT TENDONS OVER 120 FT LONG BE STRESSED FROM BOTH ENDS. THE PROCEDURE IS TO STRESS BOTH ENDS TO FULL STRESSING FORCE. THE ELONGATION AT EACH END IS ADDED TOGETHER TO GET THE TOTAL ELONGATION

DESIGN CRITERIA:

- STRAND: 1/2" DIA, 270 KSI, LOW RELAXATION
- MODULUS OF ELASTICITY (E_s) = 28,000 KSI
- SEATING LOSS = 3/8" (NO POSITIVE SEATING)

POST-TENSIONED FOUNDATIONS

THE INFORMATION IN THIS SECTION APPLIES ONLY TO THE CONSTRUCTION OF POST-TENSIONED SLABS AND FOUNDATIONS ON GROUND. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR EMBEDDED HARDWARE, ANCHOR BOLTS, HOLD-DOWNS, POST BASES, AND OTHER SUCH ITEMS DESIGNED AND SPECIFIED BY OTHERS

DESIGN OF POST-TENSIONED SLABS ON GROUND (PTSG) HAS BEEN PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS PROVIDED BY THE POST-TENSIONING INSTITUTE (PTI) AS PUBLISHED IN THEIR 1986 SECOND EDITION OF "DESIGN AND CONSTRUCTION OF POST-TENSIONED SLABS ON GROUND". ACCORDINGLY, ALL PTSG FOUNDATIONS, AS SPECIFIED BY THESE CONSTRUCTION DOCUMENTS, SHALL FALL WITHIN THE LIMITATIONS AND SPECIFICATIONS AS CONTAINED IN THE ABOVE-REFERENCED DESIGN MANUAL. CONTRACTOR AND OWNER SHALL BE RESPONSIBLE TO ENSURE STRICT COMPLIANCE TO ALL PTI SPECIFICATIONS, TO BE PROVIDED IN CONJUNCTION WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, FOR ALL SITE PREPARATIONS, CONSTRUCTION AND POST-CONSTRUCTION MAINTENANCE OF SLABS, FOUNDATIONS, AND SURROUNDING AREA.

SHOP DRAWINGS INDICATING QUANTITY AND PLACEMENT OF PT CABLES AND REBAR SHALL BE SUBMITTED AND REVIEWED BY EOR PRIOR TO CONSTRUCTION. SEE GSN FOR ADDITIONAL INFO.

TENDON PLACEMENT

PLACING OF TENDONS AND MILD REINFORCING SHALL BE AS FOLLOWS:

ALL TENDON INTERSECTIONS SHALL BE CENTERED IN CONCRETE SLAB DEPTH, UNLESS NOTED OTHERWISE.

INTERIOR TENDONS ARE TO BE PLACED AT THE APPROXIMATE LOCATION DIMENSIONED ON PLAN. TENDONS MAY BE MOVED LATERALLY 12 INCHES MAXIMUM FROM SPECIFIED PLAN LOCATIONS TO AVOID EMBEDS, BLOCK OUTS, ETC. THE MINIMUM RADIUS OF CURVATURE TO ACHIEVE A VERTICAL OR HORIZONTAL TRANSITION IN THE TENDON ALIGNMENT SHALL BE 10 FEET. TENDON LOCATIONS NOT SHOWN ON PLAN SHALL BE PLACED AT APPROXIMATE EQUAL SPACES BETWEEN DIMENSIONED CONTROL POINTS.

SECURE ALL TENDONS AT EACH INTERSECTION AND/OR 4 FEET 6 INCHES ON CENTER MAXIMUM WITH THE APPROPRIATE TENDON SUPPORT. PLASTIC CHAIRS WHICH PROVIDE SADDLE OR SIDE CLIPS FOR THE TENDONS NEED ONLY BE TIED AT EVERY THIRD INTERSECTION. BLOCKS OR OTHER CHAIRS WHICH ALLOW THE TENDON TO MOVE LATERALLY SHALL BE TIED AT EACH INTERSECTION. TIE ALL TENDON INTERSECTIONS AT THE PERIMETER OF THE SLAB.

TENDON SUPPORTS PLACED ON SAND SHALL HAVE AN ADEQUATE BEARING SURFACE TO MAINTAIN POSITION DURING CONCRETE PLACEMENT.

PLACEMENT OF MILD REINFORCING SHALL BE COORDINATED WITH PLACEMENT OF POST-TENSIONING TENDONS. PROPER TENDON PLACEMENT MAINTAINS PRIORITY.

CONCRETE PLACEMENT

PLACEMENT OF CONCRETE SHALL BE AS FOLLOWS:

CONCRETE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT TENDON PLACEMENTS ARE NOT DISTURBED DURING CONCRETE PLACEMENT.

PROVIDE PROPER CONCRETE COVER AND CONSOLIDATION AROUND ANCHORAGES, BOTH DEAD AND STRESSING, PER DETAILS.

TENDON STRESSING

STRESSING OF TENDONS SHALL BE AS FOLLOWS:

ALL JACKS USED TO STRESS TENDONS SHALL BE RECENTLY (WITHIN 90 DAYS) CALIBRATED. EACH JACK SHALL BE ACCOMPANIED WITH A CERTIFIED CALIBRATION SHEET CORRELATING HYDRAULIC PRESSURE TO TENDON FORCE.

STRESSING OF TENDONS MAY PROCEED WHEN THE CONCRETE COMPRESSIVE STRENGTH REACHES 2000 POUNDS PER SQUARE INCH MINIMUM. IT IS RECOMMENDED TO STRESS TENDONS AS EARLY AS POSSIBLE TO REDUCE POTENTIAL SHRINKAGE CRACKS. STRESS TENDONS BEFORE PLACING SECOND FLOOR OR ROOF SHEATHING. PARTIAL STRESSING (25 PERCENT OF TOTAL FORCE) THE DAY AFTER CONCRETE PLACEMENT IS RECOMMENDED FOR ALL TENDONS. SINCE THE SLAB DOES NOT HAVE THE STRENGTH TO SUPPORT HEAVY LOADS PRIOR TO FULL TENDON STRESSING, THE CONTRACTOR SHALL EXERCISE CARE TO ENSURE THAT THE SLABS ARE NOT OVERLOADED PRIOR TO FULLY STRESSING TENDONS.

TENDONS SHALL BE CLEARLY MARKED SO THAT ELONGATIONS CAN BE MEASURED AND RECORDED.

TOTAL MAXIMUM JACKING FORCE SHALL NOT EXCEED 33,000 POUNDS. TENDON STRESSING OPERATOR SHALL MAINTAIN RIGID CONTROL OF PRESSURE READINGS.

ALL TENDON STRESSING OPERATIONS SHALL BE SUPERVISED BY PERSONS PROPERLY TRAINED AND EXPERIENCED IN POST-TENSIONING OPERATIONS. IT IS RECOMMENDED THAT OPERATORS DO NOT STAND BEHIND THE HYDRAULIC JACK DURING STRESSING.

CONTROL JOINTS

POST-TENSIONED CONCRETE SLABS ON GROUND SHALL NOT HAVE CONTROL JOINTS UNLESS SPECIFICALLY NOTED ON PLANS, OR PER THE FOLLOWING EXCEPTION:

TOOLED CONTROL JOINTS AT GARAGE FLOORS MAY BE INSTALLED AT THE CONTRACTOR'S OPTION PROVIDED THAT THE SLAB THICKNESS, AS SPECIFIED PER PLAN, IS MEASURED FROM THE BOTTOM OF THE TOOLED CONTROL JOINT. TENDON PLACEMENT SHALL BE AS SPECIFIED PER PLAN OR DETAILS WITHIN THIS SLAB THICKNESS.

PRESTRESSING STEEL

PRESTRESSING STEEL SHALL CONFORM WITH ASTM A416, GRADE 270, SEVEN-WIRE LOW RELAXATION WITH THE FOLLOWING MINIMUM PROPERTIES:

ULTIMATE TENSILE STRENGTH = 41.3 KIPS

CROSS-SECTIONAL AREA = 0.153 SQUARE INCHES

MODULUS OF ELASTICITY = 27,000 KIPS PER SQUARE INCH

EFFECTIVE FORCE = 27 KIPS

TRANSFER FORCE = 28.9 KIPS

PLANS APPROVED
STRUCTURAL
BUILDING & SAFETY DEPT.
CITY OF LAS VEGAS, NEVADA

MMW
1327
Does Not include structural, architectural, plumbing/mechanical or civil engineering. No change in scope without approval. Not a Permit to Violate Any Ordinance.

PROFESSIONAL ENGINEER-STATE OF NEVADA
JOHN MEYER
EIR 12-31-17
CIVIL/STRUCTURAL
No. 015053

JUN 05 2017

AS BUILT



REVISIONS

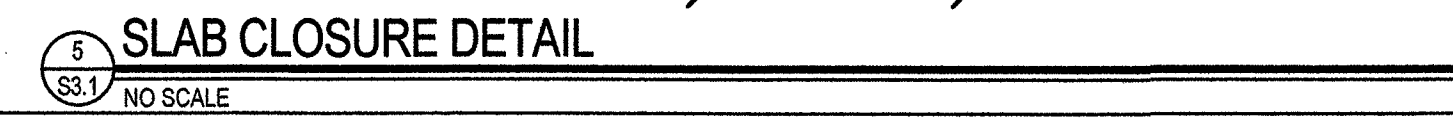
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10	ISSUED FOR PERMIT	5/17/2017

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DRAWN: JK
FILE: 17.2027
DATE: 6/1/2017
SCALE: N/A
BID NO: 16.65764, DC
CLV DWG NO: 650.66-4
65764
SHT NO: \$2.2



GENERAL INFORMATION

LEGEND: (NOT ALL SYMBOLS ARE USED)

EXT	DEMO	NEW	DEFINITION
			PANELBOARD SURFACE MOUNTED
			PANELBOARD FLUSH MOUNTED
			SWITCHBOARD
			TERMINAL CABINET
			TRANSFORMER
			PULLBOX
			MOTOR STARTER
			COMBINATION MOTOR STARTER VENDOR FURNISHED
			DISCONNECT SWITCH "F" INDICATES FUSIBLE
			DISCONNECT SWITCH VENDOR FURNISHED
			CONTACTOR
			CONTACTOR VENDOR FURNISHED
			TELEPHONE TERMINAL BOARD 4 X 8 X 3/4" FIRE TREATED PLYWOOD
			TELEPHONE TERMINAL CABINET
			FLUORESCENT FIXTURE - LETTER DENOTES TYPE (LOWER CASE LETTER DENOTES SWITCHING), NUMBER DENOTES CIRCUIT
			WALL MOUNTED FIXTURE (FLUORESCENT SHOWN) - LETTER DENOTES TYPE
			HID OR INCANDESCENT FIXTURE - LETTER DENOTES TYPE
			FLUORESCENT STRIP FIXTURE - LETTER DENOTES TYPE
			TRACK LIGHTING - LETTER DENOTES TYPE
			EMERGENCY LIGHTING UNIT - LETTER DENOTES TYPE
			EXIT FIXTURE - SHADED AREA DENOTES LIGHTED FACE, ARROWS DENOTE DIRECTION - LETTER DENOTES TYPE
			EMERGENCY OR NIGHT LIGHT CONNECTED FIXTURE (FLUORESCENT SHOWN) - LETTER DENOTES TYPE
			POLE MOUNTED AREA LIGHT - LETTER DENOTES TYPE
			SPORTS FIELD POLE ASSEMBLY
			SINGLE RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
			DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
			FLOOR MOUNTED DUPLEX RECEPTACLE
			QUADRUPLEX RECEPTACLE 18" AFF UNO
			ISOLATED GROUND TYPE (ORANGE) DUPLEX RECEPTACLE AT 18" AFF UNO.
			ISOLATED GROUND TYPE (ORANGE) QUADRUPLEX RECEPTACLE AT 18" AFF UNO.
			COUNTER HEIGHT RECEPTACLE (VERIFY HEIGHT)
			GFI DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
			SWITCHED DUPLEX RECEPTACLE 18" AFF UNLESS NOTED OTHERWISE
			ELECTRIC SHEET NOTE DESIGNATION
			MECHANICAL EQUIPMENT CROSS REFERENCE
			SPECIAL PURPOSE RECEPTACLE - NUMBER REFERS TO RECEPTACLE SCHEDULE
			CLOCK OUTLET
			MULTIOUTLET ASSEMBLY - ARROW HEADS INDICATE EXTENT, NUMBERS INDICATE SPACING IN INCHES
			SINGLE POLE SWITCH 48" AFF UNO
			THREE WAY SWITCH 48" AFF UNO
			FOUR WAY SWITCH 48" AFF UNO
			KEY OPERATED SWITCH
			DIMMER OPERATED SWITCH
			SWITCH WITH PILOT LIGHT
			MOTION SENSING SWITCH
			CONTROL STATION
			TELEPHONE OUTLET 18" AFF UNO
			PAY TELEPHONE OUTLET 48" AFF UNO
			FLOOR MOUNTED TELEPHONE OUTLET
			COMPUTER OUTLET OR SPECIAL PURPOSE COMMUNICATIONS
			RADIO OUTLET
			PHOTOELECTRIC CELL
			TIME CLOCK
			BRANCH CIRCUIT CONSISTING OF 2#12 IN MINIMUM SIZE CONDUIT NOT INCLUDING GROUND WIRE
			HOME RUN TO PANELBOARD OR DEVICE - NUMBER OF ARROW HEADS INDICATES NUMBER OF CIRCUITS
			BRANCH CIRCUIT - SHORT SLASHES INDICATE NUMBER OF PHASE OR SWITCH LEGS, LONG SLASHES INDICATE NUMBER OF NEUTRALS, LONG SLASH W/ A DOT INDICATES A SEPARATE ISOLATED GROUND WIRE.
			CONDUIT IN SLAB OR UNDERGROUND

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR	J-BOX	JUNCTION BOX
AFG	ABOVE FINISHED GRADE	KVA	KILOVOLT AMPS
AL	ALUMINUM	KW	KILOWATT
BKR	BREAKER	LTG	LIGHTING
C	CONDUIT	NTS	NOT TO SCALE
CKT	CIRCUIT	PNL	PANEL
C.O.	CONDUIT ONLY	PWR	POWER
CU	COPPER	TYP	TYPICAL
DWG	DRAWING	UNO	UNLESS NOTED OTHERWISE
ELEC	ELECTRICAL	V	VOLTS
(E)	EXISTING	VA	VOLT AMPS
GFI	GROUND FAULT INTERRUPT	WP	WEATHER PROOF
GND	GROUND	XFMR	TRANSFORMER

GENERAL NOTES:

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOOK THROUGH ALL DRAWINGS ASSOCIATED WITH THIS PROJECT. WORK ASSOCIATED WITH THE ELECTRICAL CONTRACTOR'S TRADE MAY BE SHOWN ON OTHER DRAWINGS. ANY ADDITIONAL COST RESULTING FROM THE FAILURE TO INCLUDE THESE ITEMS SHOWN ON THE OTHER DRAWINGS WILL BE INCURRED BY CONTRACTOR.
- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO ESTABLISH A STANDARD OF QUALITY. THE ENGINEER RESERVES THE RIGHT TO ALLOW OTHER METHODS AND MATERIALS NOT REFLECTED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO REQUEST THE ENGINEER WAIVE THE STANDARDS TO ALLOW ALTERNATE MEANS AND METHODS PRIOR TO BEGINNING THE PROJECT. CONTRACT DOCUMENT REVISIONS TO ACCOMMODATE INSTALLED CONDITIONS, WITHOUT PRIOR APPROVAL, WILL RESULT IN ADDITIONAL DESIGN CHARGES TO THE CONTRACTOR.
- ELECTRICAL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE NECA INSTALLATION STANDARDS TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- ALL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE CURRENTLY ADOPTED EDITION OF ALL APPLICABLE NATIONAL, STATE AND CITY CODES AND ORDINANCES.
- ALL ELECTRICAL SYSTEM COMPONENTS SHALL BE LISTED OR LABELED BY UL OR OTHER RECOGNIZED TESTING FACILITY AS ALLOWED BY AUTHORITY HAVING JURISDICTION.
- WHERE AN APPARENT DISCREPANCY EXISTS BETWEEN THE REQUIREMENTS OF THE GENERAL NOTES AND INFORMATION PORTRAYED IN THE ELECTRICAL DRAWINGS, THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF THE GREATER QUALITY OR QUANTITY.
- CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID AND VERIFY EXISTING CONDITIONS.
- CONTRACTOR SHALL INCLUDE IN BASE BID ALL COSTS REQUIRED FOR PERMITS AND INSPECTIONS.
- CONTRACTOR SHALL VERIFY, WITH OWNER'S REPRESENTATIVE PRIOR TO SUBMITTING BID, ALLOWABLE WORKING HOURS, EMPLOYEE PARKING AREAS, MATERIAL DELIVERY, STORAGE REQUIREMENTS, DEMOLITION AND REMOVAL OF CONSTRUCTION DEBRIS, AS WELL AS DAILY CLEAN UP REQUIREMENTS. INCLUDE ALL COSTS IN BID FOR DUST BARRIERS, DUMPSTERS ETC. AS REQUIRED FOR THE DURATION OF THE PROJECT. PERFORM ALL WORK AS DIRECTED BY OWNER'S REPRESENTATIVE AND ARCHITECT.
- ALL ELECTRICAL SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE ALL NECESSARY CORRECTIONS AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP WHICH MAY OCCUR UNDER NORMAL USE FOR A PERIOD OF ONE YEAR AFTER OWNER'S ACCEPTANCE. ALL DEFECTS SHALL BE PROMPTLY CORRECTED BY CONTRACTOR WITHOUT ADDITIONAL COST TO OWNER.
- PROVIDE AS-BUILT DRAWINGS TO OWNER. DRAWINGS SHALL INCLUDE ACCURATE CONDUIT AND DEVICE LOCATIONS DIMENSIONED FROM PERMANENT LANDMARKS SUCH AS BUILDING WALLS OR EXISTING CONSTRUCTION NOTED.
- DO NOT SCALE ELECTRICAL DRAWINGS. VERIFY EXACT LOCATION OF ALL DEVICES, JUNCTION BOXES, LIGHTING FIXTURES, ETC. WITH CIVIL DRAWINGS PRIOR TO INSTALLATION. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO ROUGH-IN.
- THESE DRAWINGS INDICATE THE FINISHED REQUIREMENTS FOR THE ELECTRICAL SYSTEMS, EQUIPMENT, LIGHTING FIXTURES, OUTLETS AND DEVICES. DUE TO EXISTING SITE CONDITIONS, PIPING CONFLICTS, OR OTHER LEGITIMATE REASONS, THE CONTRACTOR MAY DESIRE TO INSTALL THE WORK INDICATED IN A MANNER DIFFERENT FROM THAT SHOWN. SUCH CHANGES SHALL BE PRESENTED TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING. UPON APPROVAL, THE WORK SHALL BE PERFORMED AND THE AS-BUILT DRAWINGS SHALL BE REVISED TO ACCURATELY REFLECT THE WORK AS ACTUALLY INSTALLED.
- ANY VARIANCE OR EXCEPTIONS THE THE DRAWINGS AND SPECIFICATIONS MUST BE REQUESTED AND APPROVED IN WRITING BY THE ENGINEER. WHERE UNAUTHORIZED CHANGES ARE FOUND, THE CONTRACTOR SHALL REMOVE THE INSTALLED WORK AND INSTALL ITS AS SHOWN ON THE DRAWINGS AT NO ADDITIONAL COST THE THE OWNER. COST SHALL INCLUDE ANY CUTTING, PATCHING, REPAIR COST AS REQUIRED FOR CORRECTING THE DEFICIENCY.
- RACEWAY SYSTEMS ARE SHOWN DIAGRAMMATICALLY. ACTUAL LOCATION AND ROUTING OF ALL, SHALL BE DETERMINED BY CONTRACTOR TO SUIT FIELD CONDITIONS.
- RACEWAYS SHALL BE ROUTED OUT OF PUBLIC VIEW AS MUCH AS POSSIBLE.
- PROVIDE UL APPROVED EXPANSION FITTINGS AS REQUIRED PER NEC. PROVIDE ALL FITTINGS REQUIRED FOR A COMPLETE INSTALLATION.
- CONTRACTOR SHALL PROVIDE ALL RACEWAY SYSTEMS INDICATED ON THE DRAWING PER NEC REQUIREMENTS AND GENERAL NOTES. ANY DEVIATION FROM THE WIRING METHODS INDICATED SHALL BE ALLOWED ONLY BY SPECIFIC WRITTEN APPROVAL FROM EITHER THE ENGINEER OR OWNER. CONTRACTOR'S BID SHALL INCLUDE ALL COSTS FOR RACEWAY SYSTEMS AS SPECIFIED UNLESS SPECIFIC WRITTEN APPROVAL FOR AN ALTERNATIVE WIRING METHOD IS OBTAINED FROM EITHER THE ENGINEER OR OWNER AND IS SUBMITTED AS PART OF CONTRACTOR'S FORMAL BID PROPOSAL.
- PRIOR TO INSTALLATION, CONTRACTOR SHALL REVIEW THE COMPLETE SET OF CONSTRUCTION DOCUMENTS FOR CONFLICTS WITH OTHER TRADES. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL WORK WITH OTHER TRADES TO AVOID CONFLICT DURING INSTALLATION. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS IN EQUIPMENT LOCATION AND ROUTING AS NECESSARY AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY CUT AND PATCH EXISTING CONSTRUCTION AS REQUIRED TO INSTALL NEW ELECTRICAL WORK. ALL PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP AND FINISH AS THE EXISTING WORK AND SHALL ACCURATELY MATCH ALL SURROUNDING WORK TO THE SATISFACTION OF THE OWNER. THIS SHALL BE IN CONJUNCTION OF ALL TRENCHING AND BACKFILLING.
- ALL EQUIPMENT ELECTRICAL TERMINATIONS TO UNDERGO A TORQUE TEST. ELECTRICAL

CONTRACTOR IS RESPONSIBLE FOR MANUFACTURER'S RECOMMENDED TORQUE DOCUMENTATION AND TOOLS TO PERFORM TORQUE TEST.

FURNISH AND INSTALL A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.

THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND ENGINEER AS REQUIRED SHUT-DOWNS OR TIE-INS RELATING TO THESE SYSTEMS. REQUESTS FOR SHUTDOWNS SHALL BE SUBMITTED IN WRITING AT LEAST ONE WEEK IN ADVANCE FOR APPROVAL BY THE OWNER.

THE ELECTRICAL CONTRACTOR ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR ANY "VALUE ENGINEERING" OF THE MATERIALS, SPECIFICATIONS AND DESIGN OF THIS PROJECT, INCLUDING ANY AND ALL COST FOR ANY REVISIONS TO THE CONTRACT DOCUMENTS REQUIRED AS A RESULT OF THE "VALUE ENGINEERING".

PROPOSED ALTERNATE LIGHT FIXTURES SHALL BE SUBMITTED WITH A PHOTOMETRIC STUDY SHOWING COMPLIANCE WITH ALL APPLICABLE LIGHTING CODES AND ORDINANCES.

ALL 120V AND 277V DEVICES SHALL HAVE A DEDICATED NEUTRAL.

SHEET INDEX

NUMBERS	TITLE
E0.01	GENERAL INFORMATION
E0.30	SITE PLAN
E0.31	ENLARGED SITE PLAN
E4.01	DETAILS
E5.01	ONLINE DIAGRAM

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JUN 14 2017 DM
CITY OF LAS VEGAS
BUILDING AND SAFETY

AS BUILT



REVISIONS

CONSULTANT

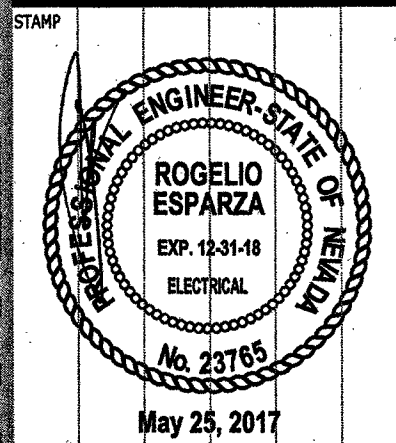


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TJK # 17044

Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
GENERAL INFORMATION

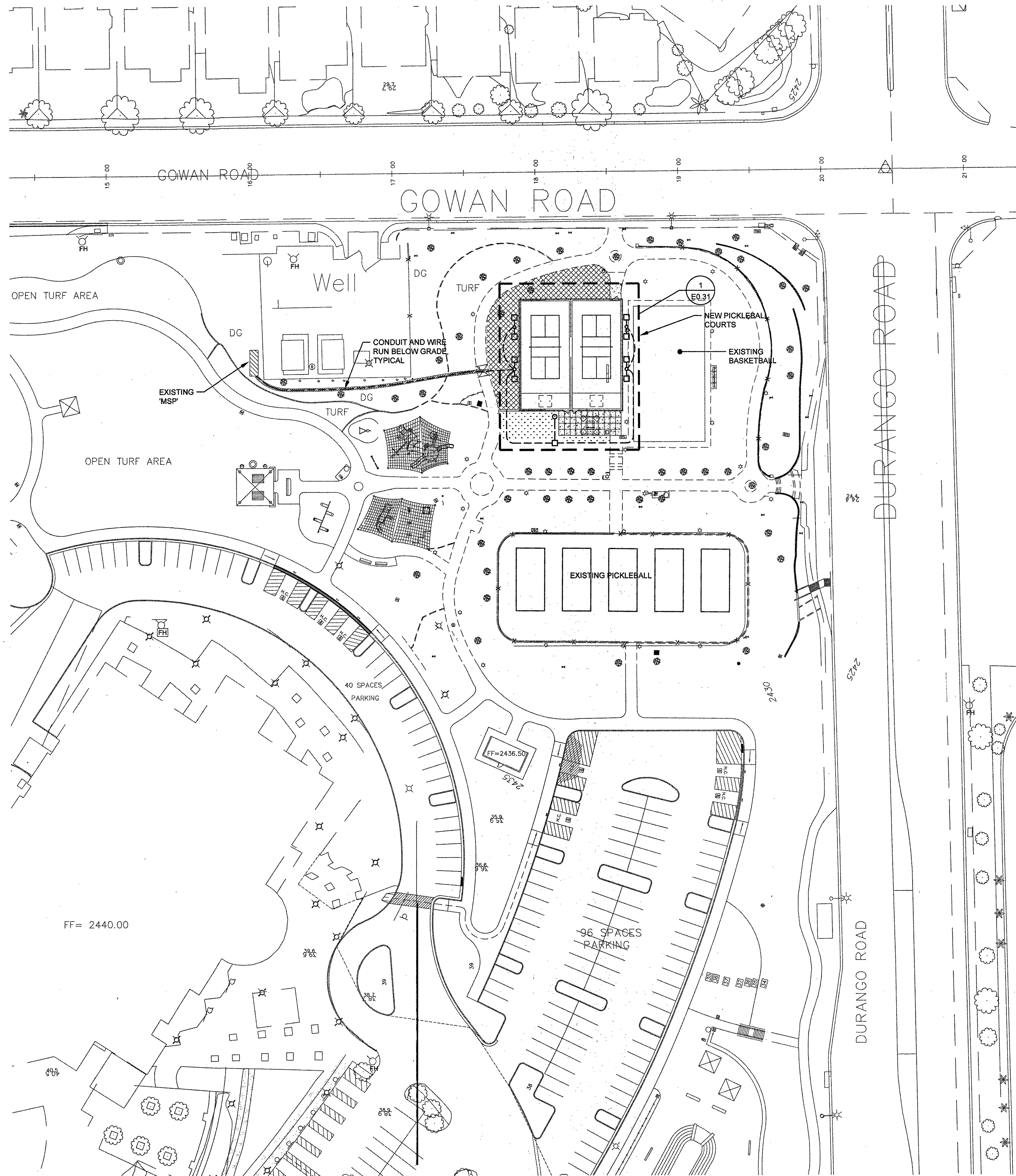


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DRAWN	TJK
FILE	17044
DATE	06/25/2017
SCALE	AS NOTED
BID NO	1665164.DC
CLY DWG NO	650664
HANSEN	65164
SHT NO	

E0.01



1 SITE PLAN
SCALE: 1" = 40'-0"

- GENERAL NOTES:**
1. REFER TO ONELINE DIAGRAM SHEET E5.01 FOR FEEDER SIZES.
 2. REFERENCE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
 3. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED THRU PHOTOCELL/TIMECLOCK.
 4. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40, PVC RUN AT MINIMUM 30 INCHES BELOW FINISHED GRADE.
 5. TRENCH, SAWCUT, BACKFILL AND REPAIR SIRE AS NEEDED. PATCH TO MATCH ADJACENT AREAS.
 6. MAINTAIN OPERATION OF EXISTING IRRIGATION DURING CONSTRUCTION.

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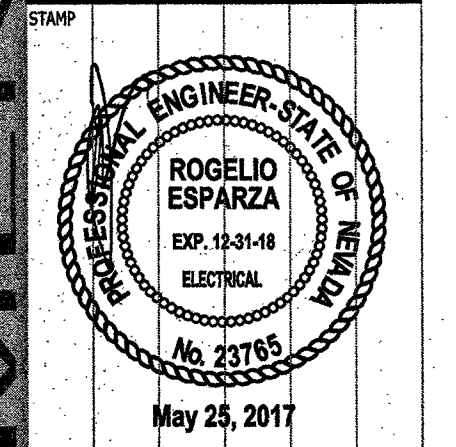
REVISIONS

NO.	DESCRIPTION	DATE

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DURANGO HILLS PICKLEBALL COURTS
3521 N. DURANGO DRIVE
LAS VEGAS, NEVADA 89129
SITE PLAN

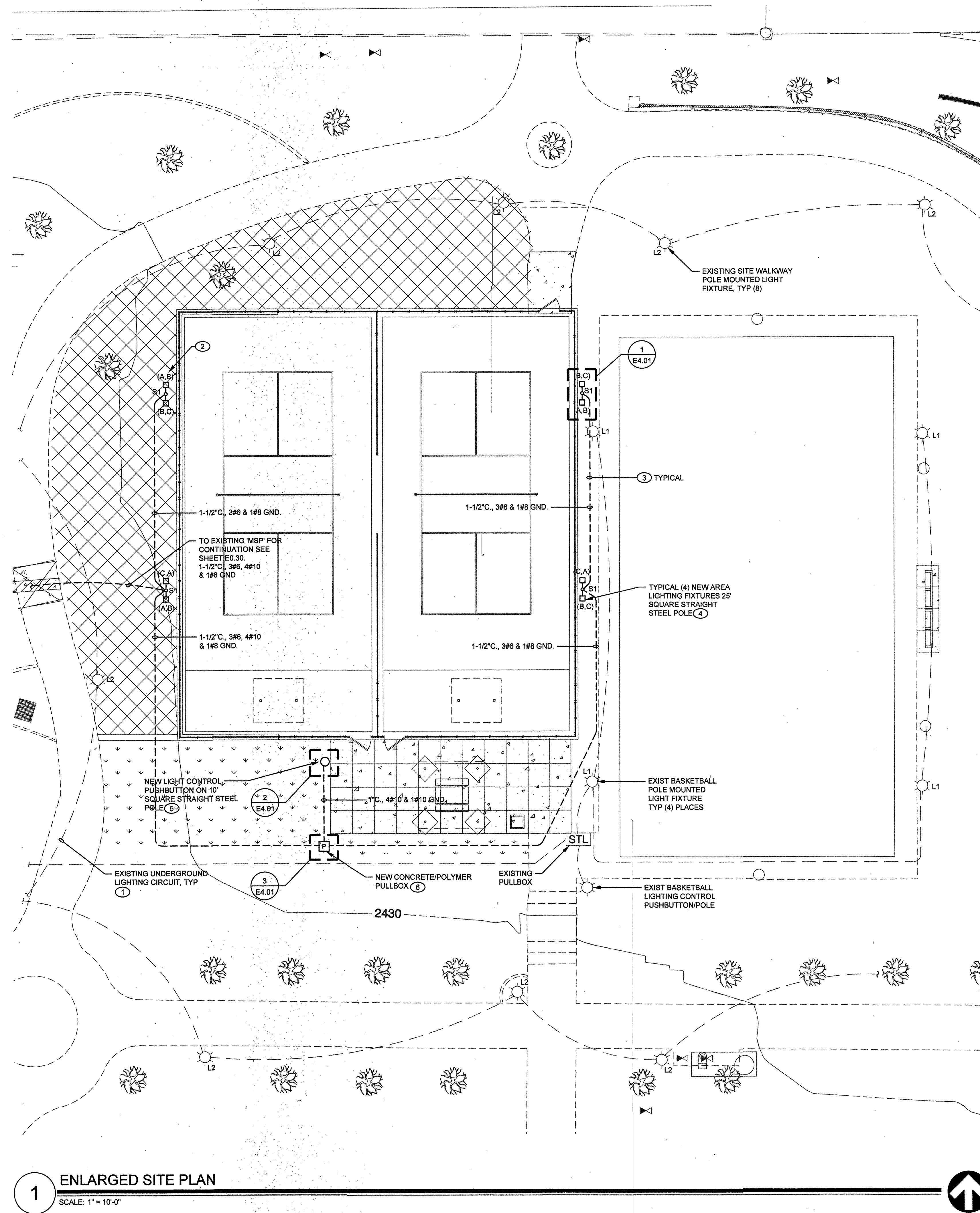


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DRAWN	TJK
FILE	17044
DATE	06/23/2017
SCALE	AS NOTED
SHEET NO.	1665164DC
CLV DWG NO.	65066.4
HANSEN	65164
SHEET NO.	E0.30

AS BUILT



1 ENLARGED SITE PLAN
SCALE: 1" = 10'-0"

GENERAL NOTES:

1. REFERENCE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED THRU PHOTOCELL/TIMECLOCK.
3. ALL UNDERGROUND CONDUIT SHALL BE RUN AT MINIMUM 30 INCHES BELOW FINISHED GRADE.
4. CONTRACTOR TO IDENTIFY ALL CONDUIT ROUTING WITH EXISTING CONDUITS PRIOR TO ROUGH-IN. ANY DAMAGE TO EXISTING CONDITIONS SHALL BE REPAIRED TO NEW.

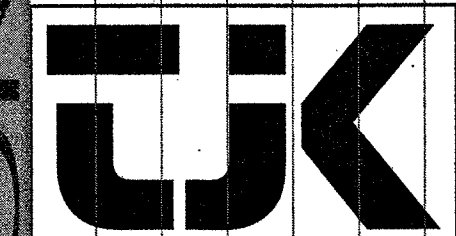
KEY NOTES: (4)

1. EXIST UNDER GROUND CONDUIT ACTUAL LOCATION UNKNOWN, USE CARE WHEN ROUTING NEW CONDUITS.
2. LETTERS INDICATE PHASE CONNECTIONS OF LIGHT FIXTURE.
3. REFER TO DETAIL 5, TYPICAL TRENCH DETAIL ON SHEET E4.01.
4. INSTALL POLE BASE. SEE DETAIL 1/E4.01 FOR REQUIREMENTS. GROUND POLE BASE PER DETAIL 7/E4.01.
5. INSTALL POLE BASE. SEE DETAIL 2/E4.01 FOR REQUIREMENTS. GROUND POLE BASE PER DETAIL 7/E4.01.
6. INSTALL PER DETAIL 3/E4.01.



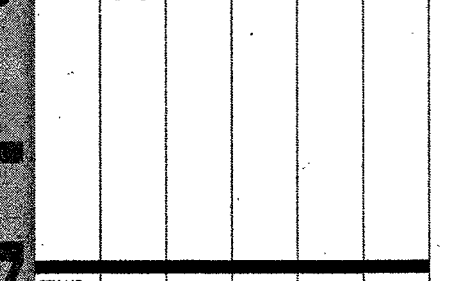
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Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
ENLARGED SITE PLAN



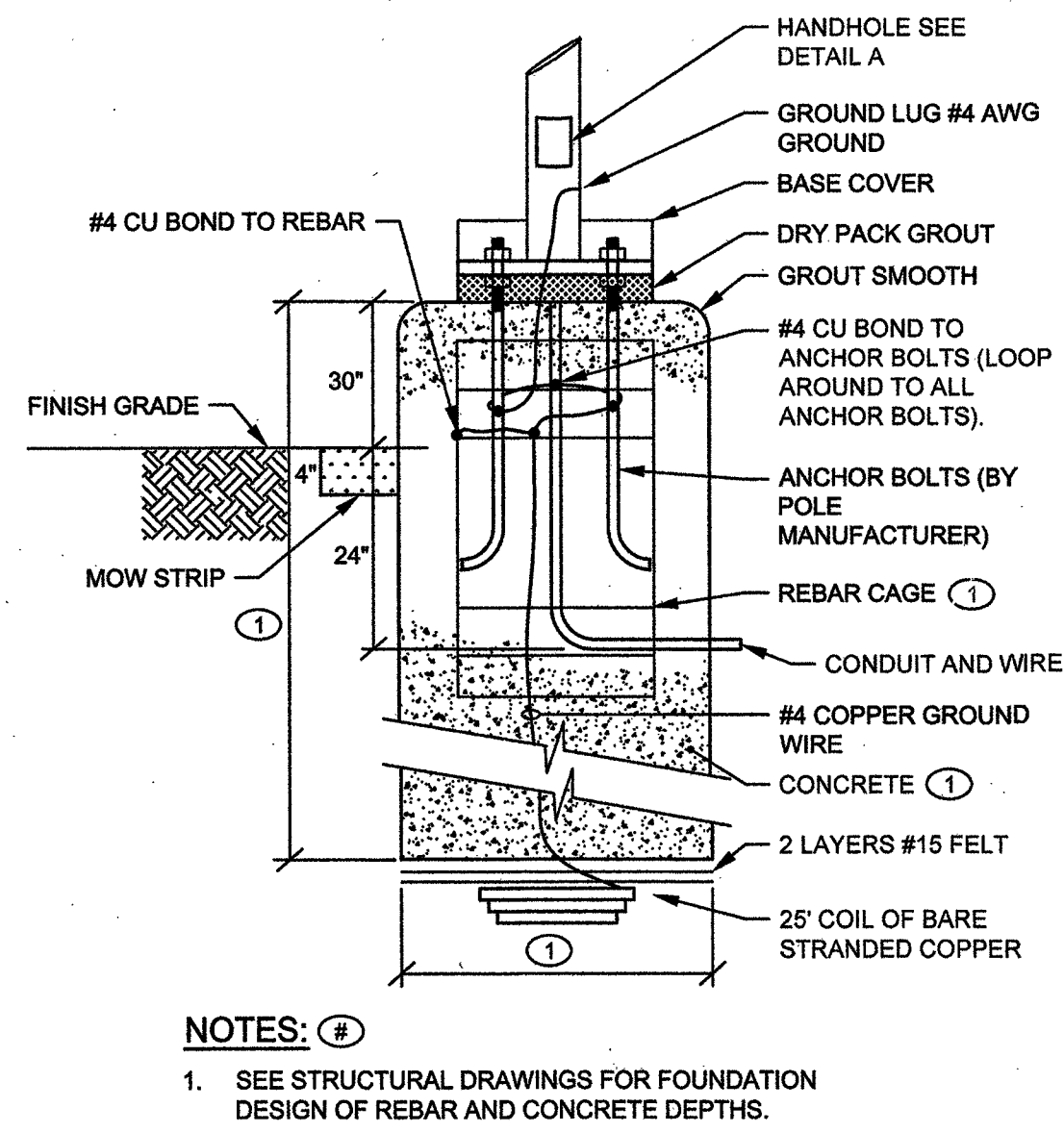
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FILE	17044
DATE	05/25/2017
SCALE	AS NOTED
BID NO	1665164DC
CLV DWG NO	65066.4
HANSEN #	65164
SHT NO	E0.31

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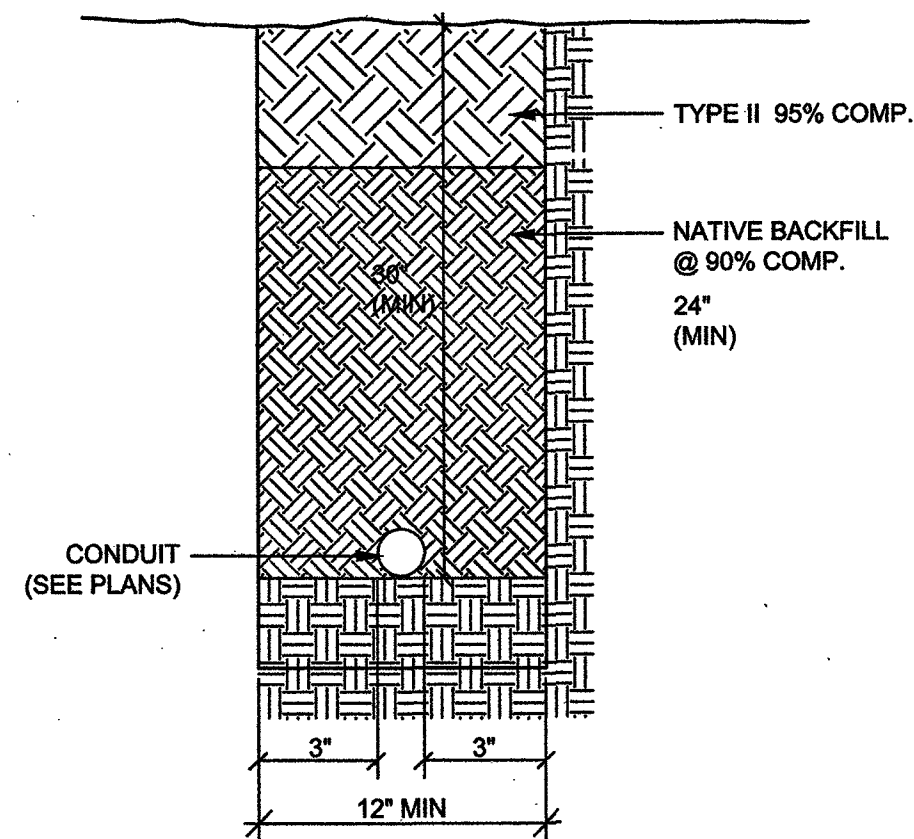
NOTES: ④

1. SEE STRUCTURAL DRAWINGS FOR FOUNDATION DESIGN OF REBAR AND CONCRETE DEPTHS.

ELECTRICAL GROUNDING FOR POLE FOUNDATION

7

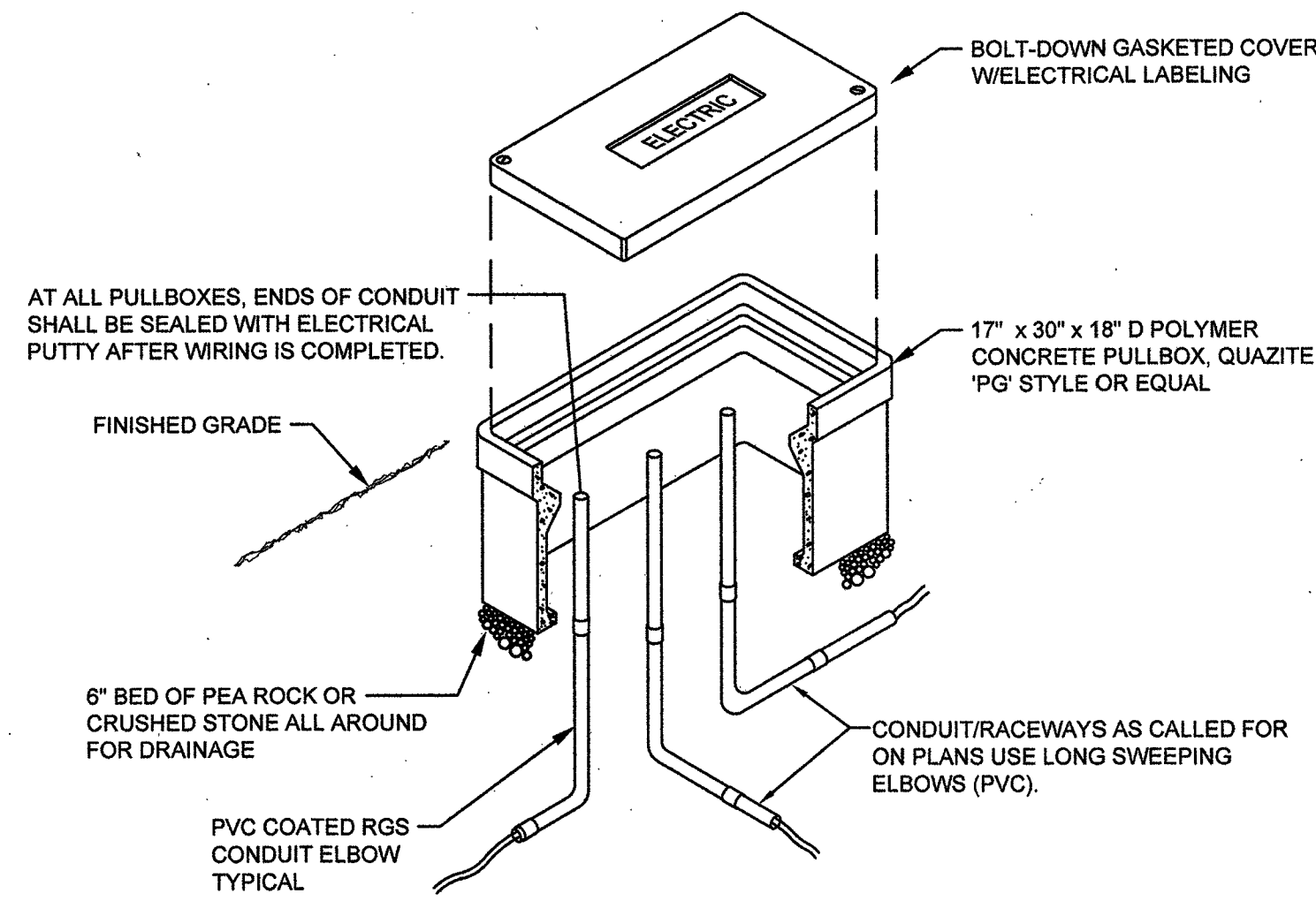
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TYPICAL TRENCH DETAIL

5

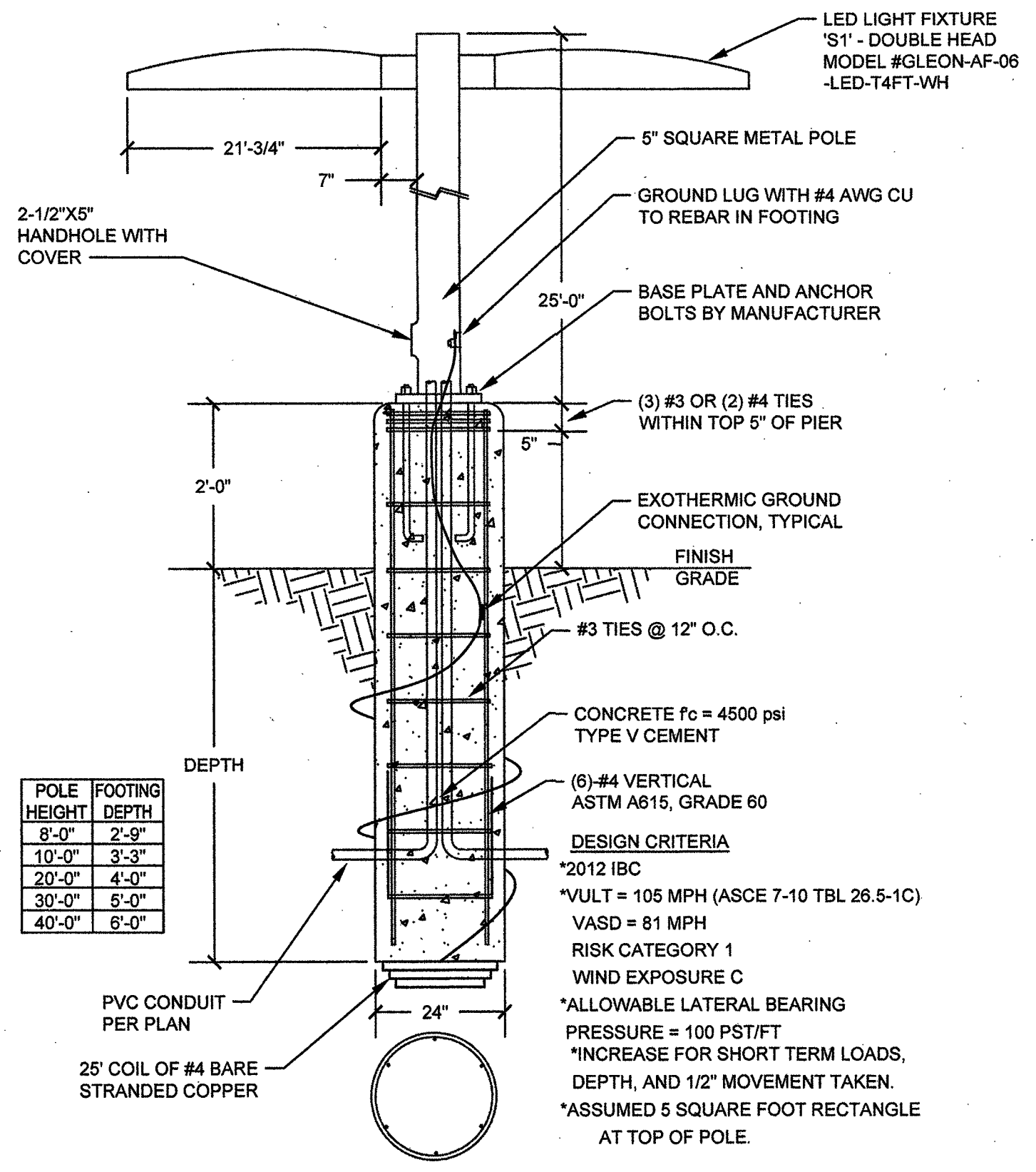
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PULLBOX DETAIL

3

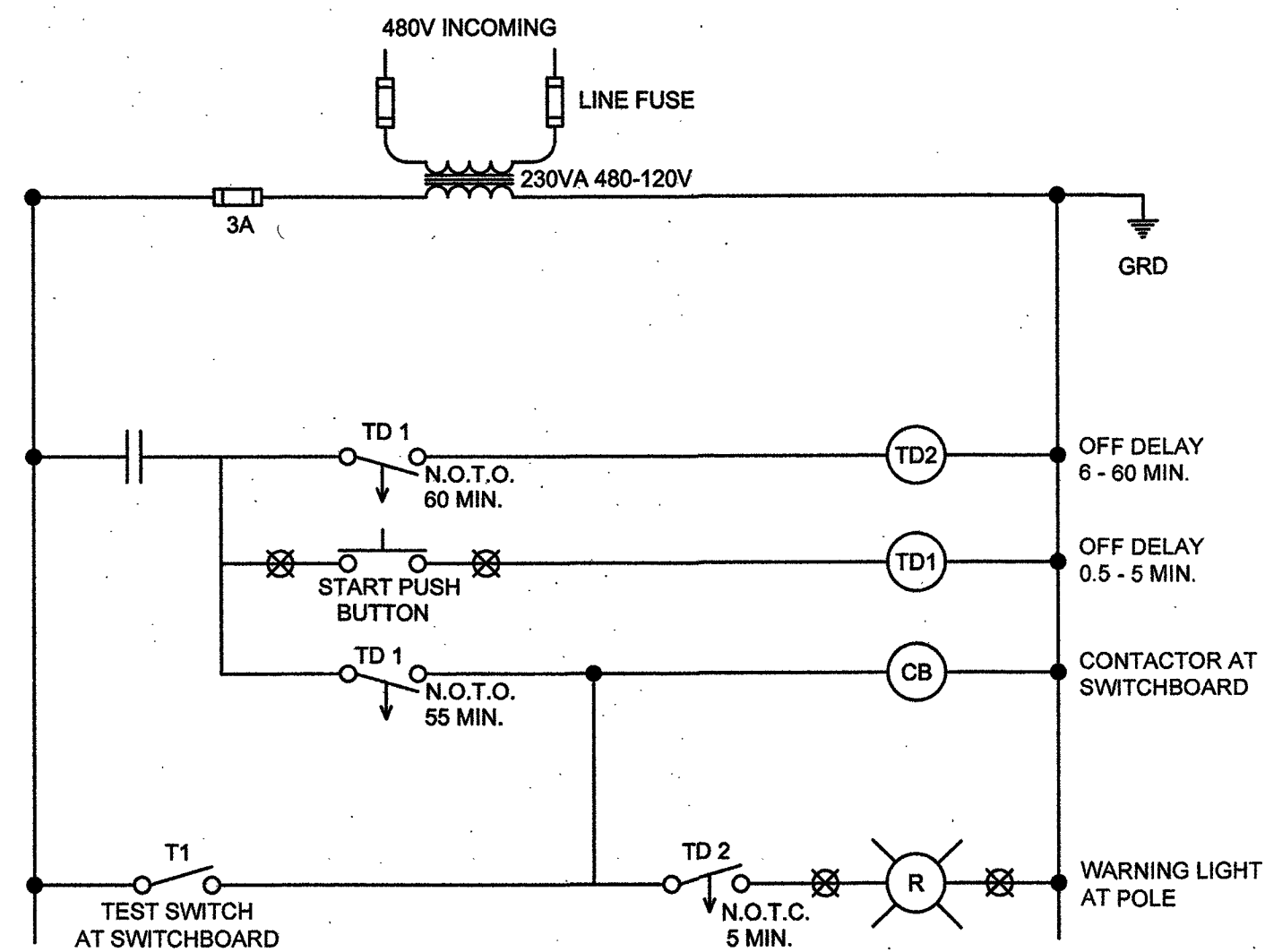
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PICKLEBALL COURT LIGHT POLE BASE DETAIL

1

SCALE: NOT TO SCALE



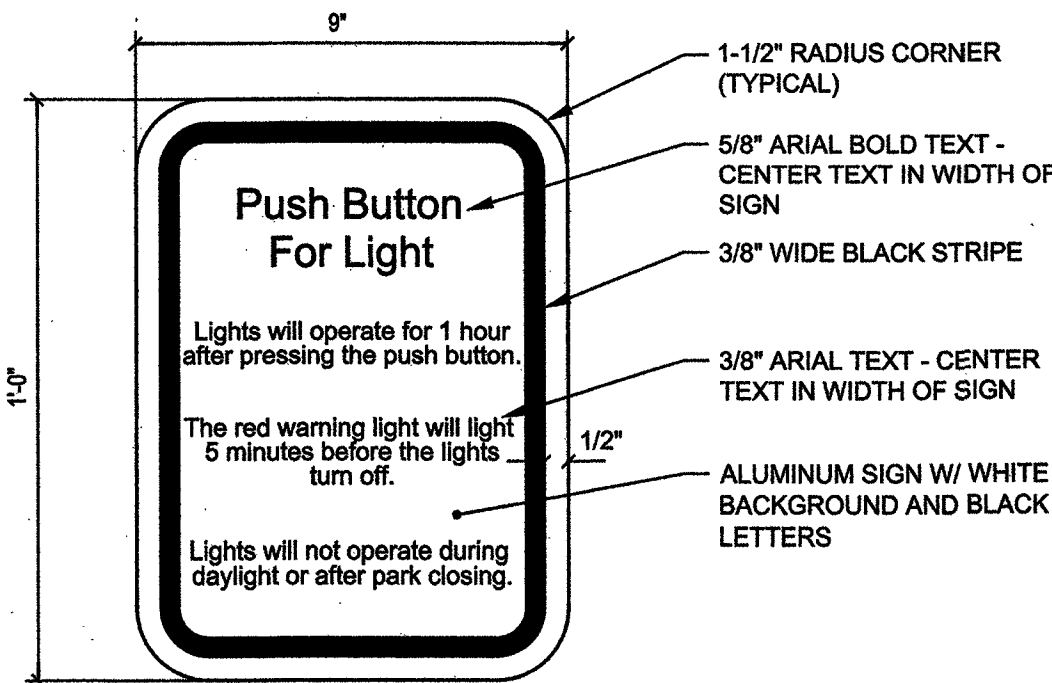
SPORTS COURT LIGHTS CONTROL DIAGRAM

6

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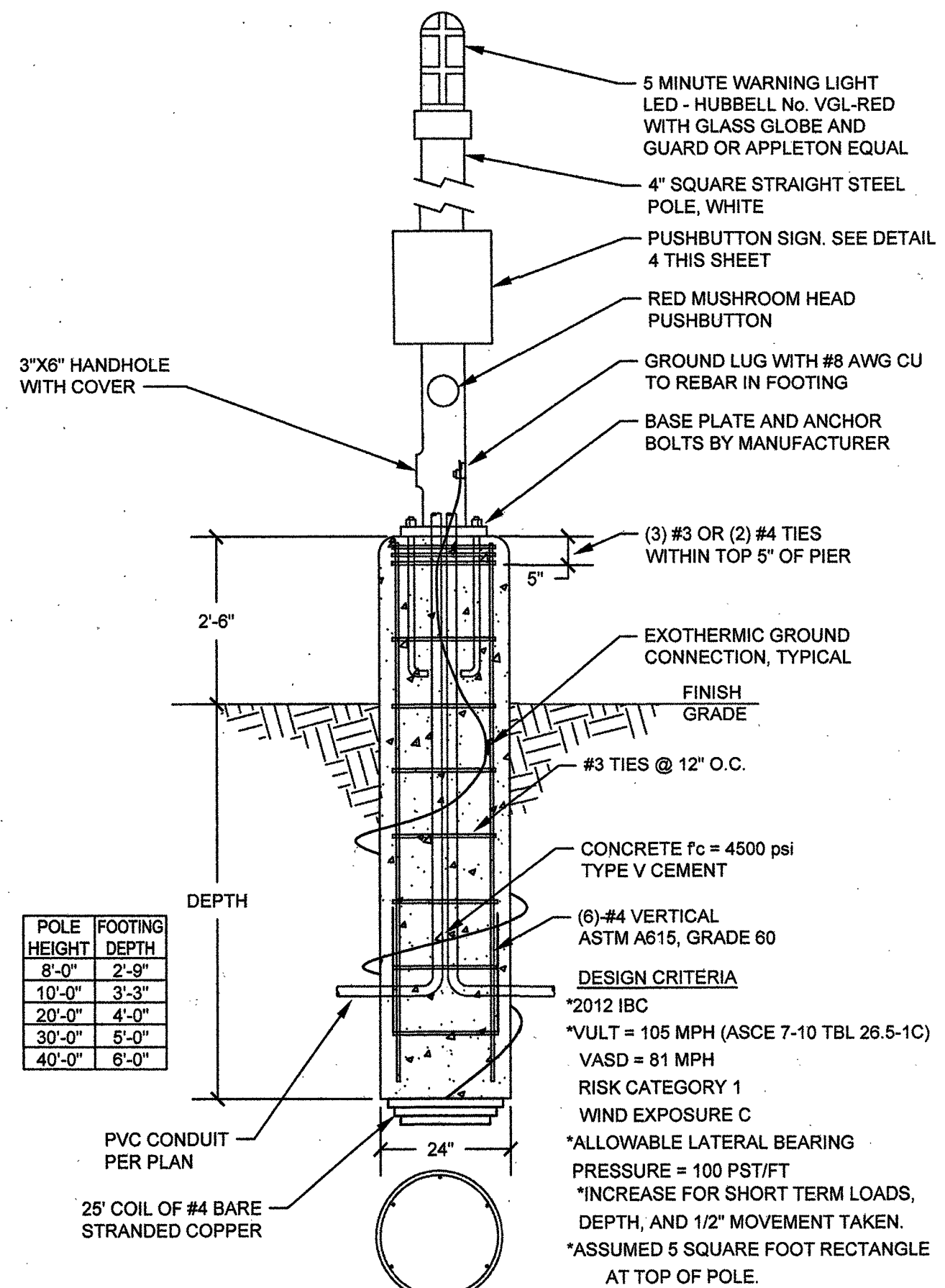
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PUSHBUTTON SIGN

4

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WARNING LIGHT POLE BASE DETAIL

2

SCALE: NOT TO SCALE

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REVISIONS

NO.	DESCRIPTION

CONSULTANT

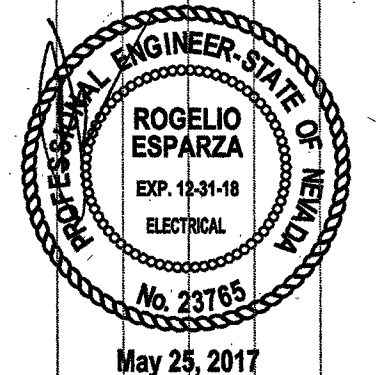


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Durango Hills Pickleball Courts
3521 N. Durango Drive
Las Vegas, Nevada 89129
DETAILS

STAMP



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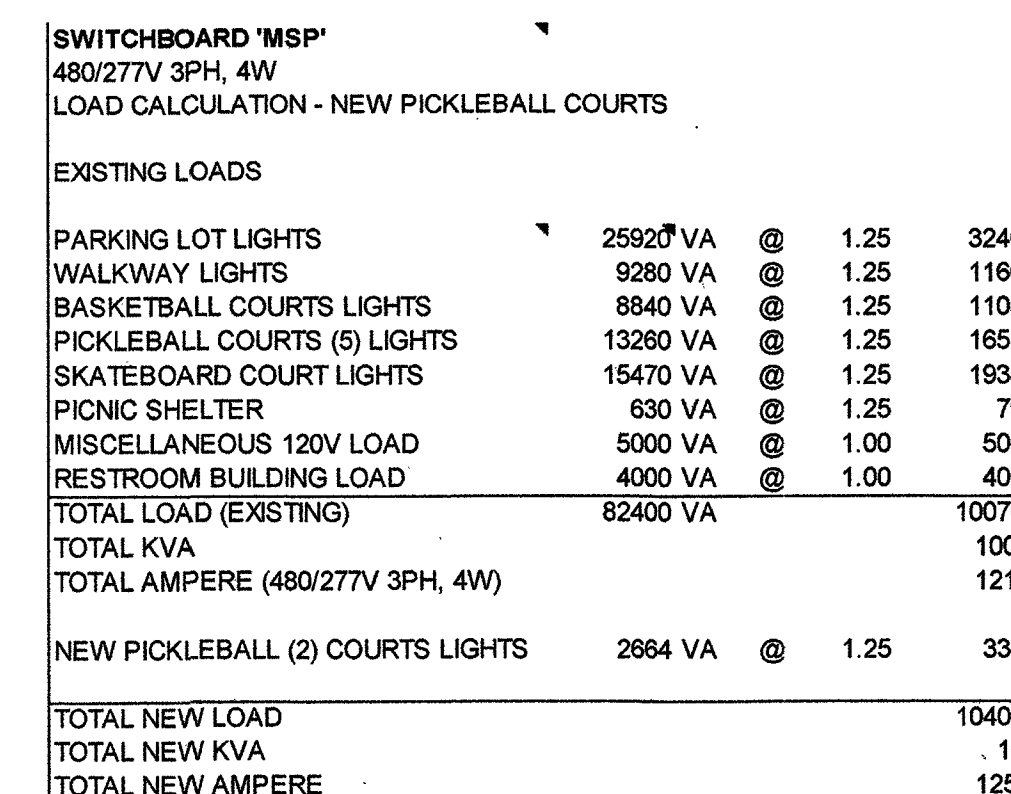
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FILE	17044
DATE	05/25/2017
SCALE	AS NOTED
BID NO	1665764DC
CLV DWG NO	650664
HANSEN	65764
SHT NO	

E4.01

1. THE DESIGN PROFESSIONAL HAS PERFORMED ALL REQUIRED VOLTAGE DROP CALCULATIONS AND ALL BRANCH CIRCUITS AND FEEDER COMPLY WITH NEC 210.19(A)(1).

1. SEE ONE LINE DIAGRAM THIS SHEET FOR 'MSP' CIRCUITS DESCRIPTIONS.

2. INTERMATIC TIME CLOCK (BASKETBALL).
3. INTERMATIC TIME CLOCK (PICKLEBALL COURTS (5)).
4. INTERMATIC TIME CLOCK (SKATE PARK).
5. ABANDONED TIME CLOCK.
6. MINI-POWER ZONE, 6 KVA, 120/240V, 1PH, 3W.
7. PHOTO-EYE BYPASS SYSTEM SWITCH.
8. TERMINAL STRIP.
9. NEW TIMING RELAY TO HATCH EXISTING.
10. EXISTING TIMING RELAY, TYPICAL (13).
11. NEW SINGLE-POLE SWITCH (PICKLEBALL COURT (2)) TO MATCH EXISTING.
12. EXISTING SINGLE-POLE SWITCH (SKATE PARK).
13. EXISTING SINGLE-POLE SWITCH (PICKLEBALL COURTS (5)).
14. EXISTING SINGLE-POLE SWITCH (BASKETBALL).
15. NEW INTERMATIC TIME CLOCK (PICKLEBALL COURT (2)).
16. PROVIDE AND INSTALL NEW CIRCUIT BREAKER AND CONTACTOR FOR CONTROL OF NEW PICKLEBALL COURTS (2), SEE SHEET E0.30.
17. PROVIDE AND INSTALL NEW 25A, 3P, CIRCUIT BREAKER, LABEL BREAKER "PICKLEBALL Q2".

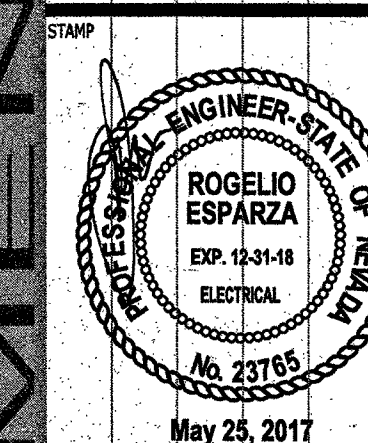


SCALE:



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Durango Hills Pickleball Courts
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ONLINE DIAGRAM



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FILE	11044	
DATE	05/25/2011	
SCALE	AS NOTED	
BID NO	1605764DC	
CLV DWG NO	650664	
HANSEN #	65764	
SKT NO		

E5.01

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